THE PENNSYLVANIA STATE COLLEGE

Lancaster Farming

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UDDERS LIKE THESE mean milk in the pail for Mr. and Mrs. David H. Breckbill Lancaster R7. The Breckbills count on a small herd of good cows and no labor probms to earn them a comfortable living. The 300 laying hens, purchased as pullets, help upplement the income, but it is to the good Guernsey cows that the family turns for the rofit of the farm. Cows in this herd not returning a reasonable income must move out make room, but a cow with a good record, producing calves with good records can unt on a comfortable home for many years. L.F. Photo

Maple Springs Guernseys On A Real Family Farm

At least one Lancaster County Dairyman does not agree with the philosophy that you have to have a big herd to have a good herd.

David Breckbill, owner and farmer of Maple Springs Farm, Lancaster R7, has 18 cows in the milking string, but he can show you some of the best production records in the county.

Mr. and Mrs. Breckbill live on the 25 acre farm where Mr. Breckbill has lived since he was born some 70 years ago. Here they have reared four sons and two daughters and seen them marry and start families of their own.

My family has owned the land since it was split off the original Hans Herr farm of 2,000 acres, Breckbill says. His Grandmother was a Herr and one of the heirs of a portion of the original farm.

With only 25 acres of ground, Breckbill buys all his grain feed He grows only enough corn for silage and green chop in the summer when pastures will not carry his cows. "I have not had to buy any hay for 2 years." he says, but he does purchase some straw He plants only enough small grain to get his hay crops established.

Many dairymen who feel

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MR. AND MRS. DAVID H. BRECKBILL often study the Dairy Herd Improvement records on their cows. Mrs. Breckbill knows the breeding and records of many of the cows without looking in the book. It is this kind of familiarity with the production of the herd that makes high records possible. L. F. Photo

ulton Grange aps Controls n Chemicals

Fulton Grange Number 66 gone on record as opposall controls on the sprays d to combat insects on crops.

The grange adopted a restion at its regular meet- Monday night calling for removal of controls and ing that adverse publitity sing from such controls be pped.

The resolution said, hereas, there has never n a case of illness or disnfort that can be traced the use of Heptachlor or other chemical used in control of insect damage hay, and—we believe that controls on such chemicwere not put there to guard the health of the people but rather to gain publicity for political purposes — Fulton Grange demand that all controls be removed."

Copies of the resolution have been forwarded to the plant pest control division of the U. S. Department of Agriculture, to newspapers and the Lancaster County Pomona Grange 71.

Heptachlor has come in for a considerable amount of discussion since it was banned for use on forage crops by the Food and Drug Administration last year because of the residues left on the plant. Heptachlor appeared to be one of the most effective insecticides used against legume pests, and there has been agitation from farmers to have the chemical reinstated.

Penna. Farmers Behind Schedule State Agency Report Shows

Harrisburg — It was a hard winter for Pennsylvania fruit growers, according to a report issued today by the Crop Reporting Service of the Pennsylvania Department of Agriculture.

Peach trees have been damaged in many areas and, in a few cases, severly by the extreme cold weather of last winter. Rodent damage to fruit trees has been unusually severe, particularly on young trees. Mice damage has been high and rabbits stripped the bark from tree trunks above wire guards and chewed low limbs during the deep snows.

Apple and cherry trees probably suffered less from freezing than did the peach trees, although fruit trees are still dormant in all but the extreme southeast border areas and the condition of trees is difficult to asses fully at this time.

Winter grains have suffered very little damage during the winter except for a very small amount of freeze damage to barley in a few areas. Some alfalfa has heaved out of the ground in scattered localities Practically no growth has begun even in the south and in most areas of Pennsylvania pasture grasses are just starting to turn green.

Some field work has been done by farmers, although work has been behind schedule. A few cobbler potatoes have been planted in Lehigh County, about half the cobblers are in the ground in Lancaster County, some oats have been seeded in southern areas, and in Lancaster County about half the tobacco beds are under cloth.

Two Sections

This week, because LANCASTER FARMING is in two sections, the women's features will be found on pages 16 and 17 of the second section.

Conservationist Cautions Against Bank Plowing

Corn won't grow on asphalt so why do farmers try to farm it? asks Amos Funk, chairman of the Lancaster County Soil Conservation District.

According to Funk, so many Lancaster County farmers plow right to the edge of the highway that the District and the Pennsylvania Department of Highways have united in a campaign to cut down on the practice.

Funk cited the practice as extremely dangerous. "The slow-moving tractor turning around on the highways is a hazard to auto traffic, he said. Many farmers observed in this county are busy raising the plows and getting ready to turn around and

(Turn to page 12)

Holstein Club Plans Day Tour

Visits to a paper mill and three outstanding dairy farms are on the schedule of county Holstein breeders as they take their annual spring tour next Wednesday.

First stop on the tour will be the Glatfelter Paper mill in Spring Grove, York County.

From there the Holstein dairymen and their families will go to Monacoy farms where Ray Smith and son milk 80 to 90 head of Holsteins in a "herringbone" milking parlor. The Smiths have had a consistant average over 500 pounds of butterfat. The group will also see their All-American heifer.

Leslie King and son at Kingstead farms will show the Garden Spot dairymen their herd of 90 to 100 cows in a stanchion barn. The herd, second highest average herd for type in the United States, has 3 excellent cows The herd average of 665 lbs. of butterfat is the highest average in the U. S.

At Rolling Knoll farms, Ralph and Grover Walker will exhibit their Dunloggin herd, showing several excellent cows in their herd with a 615 pound herd average.

The tour bus will leave the terminal at 825 East Chestnut Street, Lancaster at 7 a. m. on April 19.

Silage Clinic To Be Held

The Southeast Regional Silo Clinic will be held April 18 in Room A. at the Lehigh Valley Farmers' Cooperative at Allentown.

Three experts will discuss selection, and care and management of silos. Dr. John Bratzler, Department of Animal Science and Nutrition; A. R. Carlson, Extension Agriculture Engineer; Fred A. Hughes, Extension Farm Management expert, and John E. Baylor, Extension Agronomist will be on hand to lead the discussions.

Subjects to be discussed will include types and care of silos, crops suitable for ensiling, preservatives to be used and their value, unloaders and their selection and care, the economics of making and using silages, and recent research on silos and silages.

All Lancaster County formers are invited to attend.

FIVE - DAY WEATHER FORECAST

Saturday - Wednesday

Temperatures during the next five days are likely to be very close to the normal range of 41 at night and 62 in the afternoon. Near normal temperatures are expected over the weekend with warmer Monday and turning colder Tuesday. Wednesday will be cool. Precipitation during the period may total over a half inch falling possibly late Saturday and again towards the end of the period. Temperatures for the past 15 consecutive days have been below normal.

ARM CALENDAR

17—8 00 p.m. - Town nd Country Club meets at e Farm Bureau Cooperave, Dillerville Road.

18—9.30 a.m. to 4 p.m Silo clinic in Room A of e Lehigh Valley Co-op t Allentown.

30 p m - Drumore Comunity 4-H club meets in e Chestnut Level church ouse

30 p m. - Lincoln 4-H mmunity club meets in e Mount Airy fire hall.

30 p m - Association umber one of the Red ose Dairy Herd Improveent Assn. workshop in e Mount Airy fire hall.

00 p m - Manor Young rmers Assn. meets in e high school. Tobacco lture to be discussed by B Engle, tobacco reearcher from Southeast nna. Field Laboratory.

19—7 00 a.m. - Holstein b tour leaves the CTC terminal 825 E. Chestt Street.

00 p.m. - York-Lancaster a FFA soil judging con- at the Howard Perry n, Route 111 South of

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At Lancaster Yards

Trading Slow But Steady

CATTLE: 4200 compared with 4223 last week Supply included about 50 per cent slaughter steers and 40 per cent stockers and feeders. Trading was slow. Slaughter steers sold 25-50 lower. Cows. 25-50 higher. Bulls steady. Stockers and feeders steady.

Slaughter Steers: Choice 1000-1250 lbs. 25.50-27.25, Good to low-coice 23 50 - 25.50, Standard 20.50-23.

Cows: Cutter and utility 16 75-18 50, canners and low cutters 15.75-16.75, shelly cannefs down to 13.

Bulls: Utility and commercial 19-22 50, good grade up to 24 50.

Stockers and Feeders: several loads good and choice 700-900 lb feeder steers 24-26, 600-750 lbs 26-28, choice stock calves 27-30

Calves: 650 compared to 715 last week. Trading was moderately active. Vealers were 1 lower. Good and choice were 28-34, choice and prime 34-39, few 40, standard and low-good 20-28, utility down to 17.

Hogs: 1900 compared to 1823 last week. Trading was moderately active. All classes were steady.

Barrows & Gilts: U.S. 1-2 190-230 lbs. sold for 19 25-20, several lots no. 1 190-225 lbs. 20 25-21. 1-3 190 - 230 lbs. brought 18.75-19.25 230-250 lbs. mostly 2-3 grade 18 25-18.75.

Sows: U. S. 1-3, mostly 2-3, 300-600 lbs. sold at 12.50 - 16.00.

SHEEP: 225 compared with 252 last week. Spring slaughter lambs were steady. Choice and Prime 60-80 lb spring slaughter lambs made 25.00-29.00.

Best Food Buys

Look For Bargains This Week

Seasonal produce items will attract the budget-conscious foodshopper this weekend. Grocery and meat items enjoy some post holiday dullness, reports Tom Piper, Penn State Extension Marketing Agent.

Shipments of celery and Iceberg lettuce have been running heavier than usual and prices have slipped down More vine-ripened tomatoes are appearing at local markets and prices are somewhat lower. Eggplant, cucumbers and peppers are priced slightly lower than a week ago. Asparagus, new cabbage, radishes, leafy green salad items, and green beans are reasonably priced

Spring onions are arriving from New Jersey, Arizona and the Carolinas; first of season high prices pervail Bad weather has hindered harvesting operations and forced prices up on carrots, sweet corn and new crop cooking onions. Cauliflower and spring peas are wearing high price tags. Old crop potatoes are expected to show some price increases soon The new crop is starting out of Florida and crop estimates indicate more favorable prices in later weeks.

Meat departments give promise of a buyer's choice of values Features will vary from store to store and may include poultry, turkey, beef steaks and assorted pork items. Bacon, smoked hams, picnics and loin cuts may be included in this list. Large size eggs continue on the list of good food values

Patronize Lancaster Farming Advertisers.

Vintage Livestock

Steers Sell 25-50 Lower

Compared with last week's market, slaughter steers 25-50 lower at the April 11 auction at Vintage. Utility cows steady. Canners and Cutters 25-50 higher. Bulls 50 higher. Receipts included 484 cattle.

Bulk of the Choice grade slaughter steers 25.50-26.50, few to 27.00, Good to low—Choice 23.25-25.00, Standard down to 20.50.

Cutter and Utility cows 16.75-18.10, Canners and low-Cutters 15.50-16.75, shelly Canners down to 13 50. Utility and Commercial bulls 20.-23.

CALVES: 322. Choice and Prime vealers 1.00-2.00 lower. Good grade and below steady. Good and Choice vealers 29.00-34.00, Choice and Prime 34.00-39 50, Standard and low-Good 22.00-29.-00, Utility down to 19.00.

HOGS: 147. Barrows and gilts 25 higher Lot 195 lbs. U. S. no. 1 21.35, two lots 200-227 lbs. no. 1 19 50-19 60, also lot 166 lbs. 19.50. 1-3 201-225 lbs. 18 60-19.35. Several lots 163-178 lbs mixed Medium and no. 1 18.00-18 35 Two lots 237-239 lbs. 2-3 18.35-18.75. Lot 256 lbs. no 3 17.50.

SHEEP: 30 Few Choice & Prime 50-90 lb. spring slaughter lambs 26.00-29 00

Two Changes In Stock Show RulesAnnounced

Harrisburg, Pa—The Pennsylvania State Farm Show Commission has announced two changes in the Pennsylvania Livestock Exposition which is scheduled for November 6 through 10 in the Farm Show Building here.

The Commission approved plans to hold a feeder cattle show and sale at the Exposition, the first time that feeder cattle have been allowed in the beef, cattle, swine and sheep show.

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New Holland

Higher On Less Quality

Compared with last week's market, slaughter steers at the April 13 auction at New Holland sold strong to 50 higher with lesser quality considered. Cows were 50 higher, bulls steady. Receipts included 899 cattle.

Bulk of the choice grade steers made 25.50 to 26 60 with a few to 27.10. Good to low choice were 23.50 to 27.-75 with standard down to 21 00.

Cutter and utility cows were 17.75 to 18.60. Canners and low cutters made 15.75 to 16.75 with shelly canners down to 13.00.

Utility and commercial bulls brought 20 to 22.75. A few lots of good grade 636 to 897 pound feeder steers sold for 22 50-23.50.

Calves 241. Vealers sold steady with good and choice vealers bringing 29 00-35.00. Choice and prime crossed the block at 35 00 to 39.50 Standard and low good made 24-29 with utility down to 21.

The April 12 sale of dairy cattle had receipts of 116 cows, eight bulls and 18 heifers All classes continued about steady—

Fresh cows, Holsteins - $300-375, Guernseys - $175-240, other breeds - $175-275. Stock bulls - $110-210 Stock heifers - $75-150.

Receipts of 218 head were on hand at the April 10 sale of horses, ponies and mules. The market continued about steady with some improvement seen in the saddle horse market.

Mules, pairs - $300 450, singles - $130-225. Ponies, mares - $110-160, Geldings - $55-110. Riding horses - $130 - 265, Driving horses - $125 210. Killers - 9 cents.

Chicago Cattle

Receipts Lowest Since January

WEEKLY REVIEW. CATTLE—Receipts slightly reduced and local receipts smallest for any week since early January Almost two thirds of weeks supply arrived on Monday.

As compared with last Friday, average choice to prime steers fully steady, low choice and below steady to 25 lower, heifers weak to 25 lower, cows steady to 25 lower decline largely on canners cutter and utility, bulls 25 higher, vealers steady, hardly enough stockers & feeders on sale for a price test, few sales around steady.

Bulk prime and mixed choice and prime 1000 1475 lbs 26.50-28.25, with most sales at the close 27 00 up and several loads prime 1125 - 1325 lbs. 28 15-28 25 Bulk choice 900-1400 lbs 24 50-26 75 with most sales 25 00 up at the close. Good steers largely 1300 lbs down 22 25-24.25.

Few high choice and mixed choice and prime 900-1150 lb. heifers 25.50-26 00, Two loads mixed choice & prime 1100 and 1156 lbs 26 00 bulk choice 24 25-25 50 largely 24.50 up at the close Choice vealers 25.-32, few prime 33.

Few loads and lots good & choice 700-960 lb. feeding steers 23 00-24 00.

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LANCASTER, PA. PHONE EX 7-3721

Broilers Drop Below 16¢

Broiler prices dropped another cent this week at the Lancaster Poultry Center to continue the downward trend which started after the Mar. 13 sale.

Broilers ranged from 15 7 to 15 9 for 75,000 birds in 18 lots for a sale average of 15 77. This compares with the 16 73 last week and 19.13 on March 18 when the down trend began.

Bids of 15, 15.5 and 15.6 were refused for 3,800 broilers in three lots. Bids of 20 to 22 8 failed to take five lots of heavier birds with a total of 3,800 birds.

Six lots of pullets including 6,375 head brought 22 9 to 26 6 while seven lots of 6,100 roasters made 24.5 to 26 5

The complete sale offered 39 lots and 95,175 head and sold 78,475 head in 31 lots.

Following is the complete April 13 sale with lot number, seller, grower in parenthesis, amount and breed, age in weeks and days, buyer and price.

CODE: WV-White Vantress X Cross, P-Pullet, C-Cockerels, IR-Indian Rivers, WMt-White Mountain.

1 Eli N. Martin, 3500-WV, 9 6 Starr Poultry, 15 8; 2. Same, 4,000 WV, 9-6, Starr Poultry, 15 8; 3. Garden Spot Broilers (Ira Barge) 3000 W-V, 9-3, Daniel K. Good, 15 8; 4 Miller & Bushong, Inc. David S. Hoover), 2600 WV, 9 6, W C. Mellinger & Son, 15 8, 5 Same. Daniel K. Good, 15 7;

6 Same, 1700 WV, 8-6, Marvin Sweigart, 15 7; 7. M-&B, (Richard Blessing) 3500 WV, 8-5, Starr Piultry, 15.6; 8 M&B, (John E Erb) 4000 IR, 9, Daniel K. Good, 15.6; 9 M&B (Harold E. Rohrer), 4700 WV, 9-2, Roy E. Ream, 15 9; 10 Same, 4100 IR, 9-2, Daniel K. Good, 15 8;

11 Same, 6000 WV, 9-2, Starr Poultry, 15.9; 12. Same Daniel K. Good, 15 8; 13. M-&B, (Kenneth M. Funk) 350 IRP, 14, NOSALE, 22.6 bid; 14 Same, 750 IRP, 14, NO SALE, 22 8 bid; 15 Same, 1000 IRP, 14, NO SALE, 22-.6 bid;

16. M&B (Christ L. Herr), 1200 WVP, 18, W. C Mellinger & Son, 26.6; 17. M&B, (Frank Destafano) 2500 WV, 9-3, Daniel K. Good, 15 6; 18. Robert Noll, 600 WVXC, 14 1 W. C Mellinger & Son, 26.5; 19. Same, Carl B Risser, 26-1; 20. Same, 1250 WVXP, 14 1, Carl B. Risser, 23 1;

21. Wenger's Mill, Inc. (Vernon Zimmerman) 900 WVC, 13-2, NO SALE, 20 0 bid; 22 Same, 900 WVP, 13-2, NO SALE, 20.0 bid; 23 Elam W Weaver, 1500 WV, 9, NO SALE, 15.5 bid, 24. Same, 15 0 bid; 25. Hershey Hostetter, 800 WVC, 9-2 NO SALE, 15 6 bid;

26. Miller & Bushong, Inc. (Frank Bradley) 1000 WVC, 12, W C. Mellinger & Son, 25 1; 27. Same; 28 Kenneth B. Noll, 1300 WVC, 12-2, H. W. Longacre, Inc., 25.0; 29. Same, 500 WVC, 12-2, Daniel K. Good, 24.5; 30 Same, 1100 WVC, 12-2, W. C Mellinger & Son, 25 0;

31. M&B, (Benjamin Brubaker) 625 WVP, 14-2, Roy E. Ream, 23 0; 32. Same, 1,-100 WVP, 14-2, W. C. Mellinger & Son, 22.9; 33. Same 1100 WMtP, 13-2, W. C. Mellinger & Son, 22.9; 34. Same; 35. C J. Lauer, 8000 WMt, 9, Meader's Poultry, 15 7;

36. Same, 4800 IR, 9, Starr Poultry, 15 9; 37. Same, 3200 WV, 9, Starr Poultry, 15.9; 38. Aberdeen Mills, 7000 WV, 9-2, Daniel K. Good, 15.8; 39. D. E. Horn & Co (Richard Baker) 3800 WV, 9, Starr Poultry, 15.6.

You're young only once After that you need some other excuse.

Extremely Heavy Slaughter Action

Supplies of live broilers in Delmarva were in relatively good balance with the exceedingly heavy slaughter activity scheduled for the weekend. Broilers cleared well at slightly lower prices.

Estimated slaughter by eastern shore processors for the ween end was 910000 head compared to the 738,000 head last week end.

Prices and sales reported in Delmarva during the 24-hour period ending 10:30 on Friday morning ranged from 14.50 to 15.50 for 873,000 head with over half the sales between 15 and 15 4.

The Delmarva broiler-feed ratio for the week ending on April 7 dropped two points from the previous week to 3 4. Broilers averaged 15.86 per pound and mash cost $94.02 per ton. For the corresponding week last year the ratio was 3 9, when broilers brought 18 10 and mash cost $92 66 per ton.

Georgia reported prices of 14 to 14 8 for 818,000 head at farms during the 24 hour period ending 10 30 Friday morning. Demand was fair to good with supplies more than ample in some instances

Estimated slaughter by Georgia processors for the week end was 1,965,000 head compared with 2,126,000 head last week.

Fluid Milk
Weather Slows Seasonal Gains

Throughout the Northeast reports indicate the production of fluid milk steady to higher with weather conditions slowing the seasonal increase in New York and Penna.

In the Southeast area pro-

Weekly New York Egg Mkt.

From Monday, April 10th to Friday, April 14th

	Mon.	Tues.	Wed.	Thurs.	Fri
Whites					
Ex. Fcy. Hywts	35½-	35 -	34½-	34 -	34 -
Fcy Hywts	34½-	34½-	34 -34¼	33¾-34	34 -34⅓
Fcy. Med.	33 -	33 -	32½-	31½-32	31½-32
#1 Med	32½-	32½-	32½-	31½-32	31½-32
Pullets	25½-26	25½-26	25½-26	27½-	27½-
P-wees	19 -	19 -	19 -	19 -	19 -
Browns					
Ex. Fcy. Hywts	34½-	34½-	36 -	36 -	36 -
Fcy Hwyts	34½-	34½-	34½-35	34½-35	34½-35
Fcy Med.	33 -	33 -	33 -	33 -	33 -
Pullets	26½-27	26½-27	26½-27	29 -	29 -
P-wees	19 -	19 -	19 -	19 -	19 -
Mixed					
Fcy. Hywts	34 -	34 -	34 -	33¾-34	33¾-34
#1 Med	32½-	32½-	32½-	31½-32	31½-32
Pu'lets	25 -	25 -	25 -	26½-	26½-
Stds.	33 -	33 -	33 -	33 -	33. -
Checks	30 -31	30 -31	30 -31	30 -31	30 -31

TREND—Market position still very irregular with Extra fancy heavyweight whites slow to clear in most quarters

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duction held near the season peak.

Bottling demand along the eastern seaboard was irregular though overall usage tended higher.

A lighter surplus over class one needs rapidly absorbed by manufacturing channels in New York.

Wholesale selling price in New York was $4 70 to $4 75 mostly $4 75 per 40 quart unit of bottling quality milk

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CORN:

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To get bigger corn yields from every acre, *soil insects must be controlled.*

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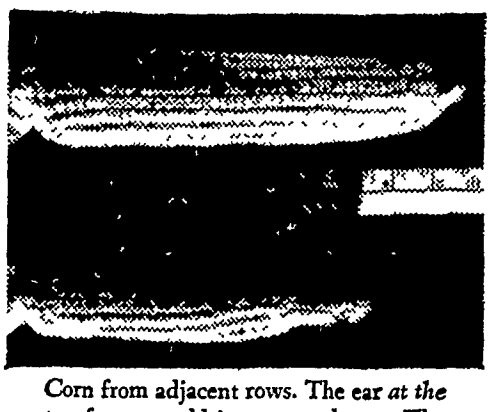
One application of aldrin controls them for an entire season. It can be applied either as an over-all treatment before planting or as a row treatment at planting.

Aldrin protected corn has consistently out-yielded unprotected corn—enough, in fact, to pay for the application at least three times over.

Where insect infestations were severe, aldrin has made the difference between a fifty-bushel yield and a hundred-bushel yield.

Use aldrin this year to insure a better stand, advance maturity date, help prevent lodging, and improve quality.

Aldrin is available from your local insecticide dealer under well-known brand names. It comes in liquid, wettable powder and granular forms—and in some areas, in fertilizer mixes.



Corn from adjacent rows. The ear *at the top* from an aldrin protected row. The ear *below* from an unprotected row.

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FROM WHERE WE STAND -

Surplus Or Just Good Insurance

Things have a way of just about balancing out in this business of farming.

Last summer, many farmers made more good quality hay than they had made in years and years. In addition to high quality hay stored by many dairymen and livestock feeders, surplus grass, legume, and corn forage was put in temporary or permanent silos.

Over most of the county, record yields of corn for grain were harvested. So much corn was grown on many farms that temporary storage had to be provided for the crop.

Then along came a long, hard, cold winter. Most Garden Spot farmers were still in good shape so far as feed is concerned.

But with the spring season opening so slowly, very little growth has been made by the early pastures. It appears now that winter feeding may have to be continued later into the season. What loked like it might develop into a surplus commodity last fall might turn out to be good insurance this spring.

Insurance in the form of temporary pasture is another excellent investment for the livestock farmer. Most of the permanent pastures in this part of the world are mainly bluegrass and white dutch clover, as all dairymen know.

The old established pastures furnish a large amount of feed if they are managed properly, and many of these pastures are on land too steep or rocky to make reseeding practical.

But bluegrass does have its drawbacks. There are other crops (such as rye) which will make growth earlier in the spring; there are crops (such as sudan grass) which will produce more forage in the hot, dry months of summer, and there are crops (such as some of the cereal grains) which will produce feed later in the season. With the use of some of these other crops planted for temporary pasture, it is possible to extend the grazing period over a considerable longer time.

One precaution might be worth mentioning. If a temporary pasture is used, don't keep livestock on it so long that the bluegrass gets old and tough. With the large amount of moisture put into the ground last winter, bluegrass is likely to make rapid growth and get ahead of the livestock during May.

However, if no temporary pasture is used, care should be taken not to graze the permanent grass too hard before it begins its rapid growth.

Many Lancaster County farmers could realize much greater value from their pasture lands through a program of management. The "let it grow" philosophy used on the old established bluegrass-white clover hillsides is poor economy as well as poor conservation.

At least that's how it looks from where we stand.

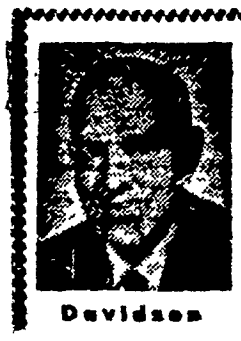
Orbiting Hot Dogs

Someone has figured out that the frankfurters Americans consume each year could reach to the moon and back and circle the world five times. On picnic, baseball and cook-out days, it is small wonder the orbiting hot dogs don't block the sun's rays.

Ever since the sandwich appeared on the scene, its taste and convenience have made it an all American favorite. This year, for example, the average American will consume about six pounds of meat in this form, the American Meat Institute estimates.

Legand has it that a sausage peddler at the 1883 St. Louis Fair created the weiner sandwich. He had been handing his customers white gloves to protect them from the juicy meat until the gloves and his profits began to disappear. When he wrapped a bun around a sausage, a national institution was born.

The frankfurter is at home in the ballpark, at a bench outing, the backyard patio, a picnic, or a queen's lawn party. All this in addition to being easy on the budget. No wonder the hot dog has remained so popular.



Davidson

THIS WEEK
—In Washington
With Clinton Davidson
Farm Message

Farmers should take a careful look at what Washington is planning for their future, then tell their congressmen whether they approve.

President Kennedy's market supply management proposal sent to Congress recently is both complicated and far-reaching in the effect it would have, if adopted, on both farmers and city consumers.

The heart of the proposal is that producers of each farm commodity shou'd be allowed to choose the kind of a program they want and then, if Congress doesn't disapprove, put it into effect.

The course proposed for farmers in the future differs substantially from that advocated by the previous Administration in that it calls for strong action to control production and raise farm prices.

Farmer Committees

Under the Kennedy plan growers of eoch farm commodity wou'd elect members of a committee which would, with the cooperation of the Secretary of Agriculture, draft a program applying to their comrodity.

The program would then be submitted to growers in a referendum and, if approved by two-thirds of those voting, it would go into effect unless disapproved by the Senate or the House within 60 days

The President asked Congress to amend present farm laws to permit each of the farmer-elected committees to choose just about whatever kind of a program they wanted.

He suggested that programs available to the committees include individual farmer marketing quotas, in bushels, pounds or bales Or, if they preferred, production could be limited through acreage allotments

Our methods available for improving farm income wou'd include direct, so-called "compensatory" payments; price support loans or purchases; in-kind payments for land diverted to soil conservation, or "incentive" payments for taking land out of cultivation.

Bargaining Power

The main objective of the farm proposal, Mr. Kennedy explained, would be to give farmers, with government backing, the power to act collectivtly in establishing fair prices for what they produce.

This is a power now guaranteed by Federal laws to labor unions, which bargain collectively to set wage scales. Industry seeks to protect its prices through the fair trade practice laws.

But, farmers' power to set prices would be limited, Mr. Kennedy declared, by disapproval of any program which wauld "exploit the consumer." Prices, he said, must be fair to both producers and consumers.

Whether Congress approves the President's plan almost certainly will be decided by

(Turn to page 5)

Lancaster Farming
Lancaster County's Own Farm Weekly

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THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY DR. KENNETH J. FOREMAN

Bible Material: Job 1-2; 19.13-26; James 1.12-15.
Devotional Reading: 1 Peter 5:6-11.

No Insurance

Lesson for April 16, 1961

IF MORE questions are raised than are answered, in the Bible study for this week, that is because for three weeks the center of attention is on the book of Job, part of the Bible's "Wisdom Literature." The book of Job itself raises a question which it does not finally answer. The important thing this week is to get hold of the problem. Next week and the week after that we shall be concerned more with the answers.

Dr. Foreman

Job Is Every Man

There is no need to inquire whether this book of Job refers to some historical individual named Job, or whether this is a drama, a book of profound thought cast into the form of a story. For Job lives on every street, your middle name is Job. Job is the man who has everything. He is the man that Americans all want to be. He "has it made." He has a big family that is a credit to him, he has wealth more than he needs. He has solved the problem of security. He does not need help from the government nor from any man. He is, you might say, insured against trouble. Wealthy, respected, successful—put Job into modern tailor-made clothes, exchange his tent for a big house at a desirable address, and he looks so much like a 20th-century American of the "high salary bracket" kind, that a play can actually be written today, with the scene laid in our time and nation, using the very plot of the book of Job, and that play can be a smash hit on Broadway and around the country.

Most other books of the Old Testament are distinctly Jewish. This book of Job is not. The man Job is not a Jew; he is called (purposely) vaguely a man from Uz, one of the "children of the East," no son of Israel. Here is universal man. His questions are all men's questions, his problem is our own.

When Life Crashes In

The reader of Job should not inch along a few verses at a time. Take your next day off and read the book straight through, or if you can't do that, then take at least a chapter at a time. The book is mostly a debate, but the debate begins with a story about another debate, one between God and Satan. God asks Satan if he has taken a good look at Job; there is a good man for you! Satan does not agree. Job is not good, he is only smart, Satan says. He is good because God has blessed him with success and happiness. Let God (as it were) stop Job's pay and he will see the last of Job. So God gives Satan leave to do his worst, only he must not touch Job himself.

Then comes a smashing series of disasters. Job's wealth and his family are all swept away, and Job is left poor and lonely with only a bitter wife for companion. But Job does not turn away from God. The next time Satan comes to visit God, God asks him: Did you see my servant Job? He is better than you thought. You moved me against him, to destroy him without cause; but he still is a good man. Oh, Satan says, he still has his health. He can start life again. Let me drag him down in sickness and pain, and you will hear him curse you to your face. Then God, who believes in the man Job, gives Satan permission to wreck this man's body, and it is done. Now the problem is a terrible one. It is this: Why does God permit disasters?

No Insurance

Some of the answers brought out in the book of Job will be mentioned in the next two weeks' columns. For the present, the point is that there is no insurance, in this world, against trouble. To be sure, you can buy insurance which will put a check in your hand if your husband dies. But you cannot buy insurance which will guarantee he will live as long as you do. There is absolutely no insurance that life, your life, will not crack in. No amount of goodness, no heroism, no amount of service done to others, will insure you that you will go down to your grave without a care of a grief in the world. The only insurance you can buy (and it is good so far as it goes) will pay you money when the crash comes

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service)

Rural Rhythms

MISCONCEPTION

By: Carol Dean Huber

Ebenezer has curly hair,
Black and silky too,
A broad deep chest, a
flowing mane,
And eyes of reepest blue.

I'm never far away from
him;
He is my friend of course;
More than just a friendly
pet;
Ebenezer is my horse.

Now Is The Time . . .

BY MAX SMITH

TO BE CAREFUL WITH FERTILIZER—All gardeners are urged to be careful in not permitting complete fertilizer from coming directly in contact with seeds or with the roots of plants Fertilizers containing any nitrogen or potash will interfere with seed germination and will burn the plant roots The fertilizer should be well mixed with the soil or be placed in a band to the side and below the plant roots.

MAX SMITH TO EXERCISE CAREFUL DAIRY HERD MANAGEMENT—Good management of the dairy herd is advised at all times during the year; however, at the start of the pasture season special care should be used in order to prevent off-flavored milk. Much of the trouble from "grassy" flavored milk can be prevented by: (1) Removing the herd from the pasture at least four hours before the milking period, (2) Feeding hay and silage before the herd goes out to pasture, (3) Keeping the barn well ventilated at all times, and (4) not grazing the milking herd on garlic infected pastures.

TO FERTILIZE FARM PONDS—When vegetation starts to grow in the spring farm pond owners should apply their first application of a complete fertilizer to the pond water in order to encourage the growth of plankton; these very small water plants are needed in order to give the greenish (or brownish) color to the water, this coloring is needed in order to keep out the sun's ray and to discourage weeds and algae. A complete fertilizer such as 10-10-10 at the rate of 80 pounds per acre of water every 2 to 3 weeks until the color develops is suggested.

TO PLACE CORN FERTILIZER PROPERLY—Many stands of corn have been reduced in recent years because of fertilizer burn on the seed; with the trend toward more liberal use of fertilizers it is very important that the seed and the fertilizer be kept separate in the ground Plowing under the larger part of the fertilizer is strongly advised At planting time the fertilizer should be placed about 2 inches to the side and below the kernels. All growers are urged to adjust their corn planters in order to make this possible.

Grower Interest Spurs Research On Dwarf Trees

Growing interest in dwarf apple trees among fruit growers has resulted in extensive research in this field by the Agricultural Experiment Station at the Pennsylvania State University

Chester W. Hitz, researcher in pomology, says orchardists are interested in the smaller-sized trees since they bear fruit at an earlier age than standard-sized trees. The fruit seems to be of a better quality, color, and taste. Smaller trees also require less labor in pruning, harvesting, and spraying. Due to their small size, more dwarf apple trees can be planted per acre of land.

The studies are being conducted in orchards of the fruit Research Laboratory, Arendtsville, and in orchards at the University Park farms. Conducting the experiments are Frank N. Hewetson at Arendtsville and C. Marshall Ritter at University Park, both pomologists.

These men do their own grafting of desired apple varieties onto selected root stocks. They trace the growth of the prepared trees and compare their development with that of standard-sized trees. Factors considered include planting distance, nutrition, training and pruning, and soil and water requirements.

Experiments of this type require 10 to 15 years. The success of a given variety rootstock can not be evaluated fully until the tree has reached maturity.

This Week

(From page 4)

what congressmen hear from the voters back home In a democracy that is the way it should be.

J.C. Home Show Closes Today

Lancaster, April 15 — Today is the last day of the seventh annual Home Show, sponsored by the Lancaster Junior Chamber of Commerce, at the Guernsey Sales Pavilion, Lincoln Highway east of Lancaster.

The show, running from Tuesday through today features 50 exhibits, $500 worth of prizes and free balloons and lollipops for the kiddies.

Attendance has been good, a spokesman for the Junior Chamber of Commerce said late this week, and the show has been a success. Shows today are scheduled from 2 30 p m to 10 p m.

The "JC's" invite you to come out to see George, the Lion.

BURLING'S CHICKS For Quality Eggs, Meat

CAREY Leghorns again won highest honors for Egg Quality among all entries at the West. N. Y. Random Sample Test. This is in competition with entries from the finest breeders in the country. When it comes to Haugh units —the official measuring stick of egg quality—Carey Leghorns are tops!

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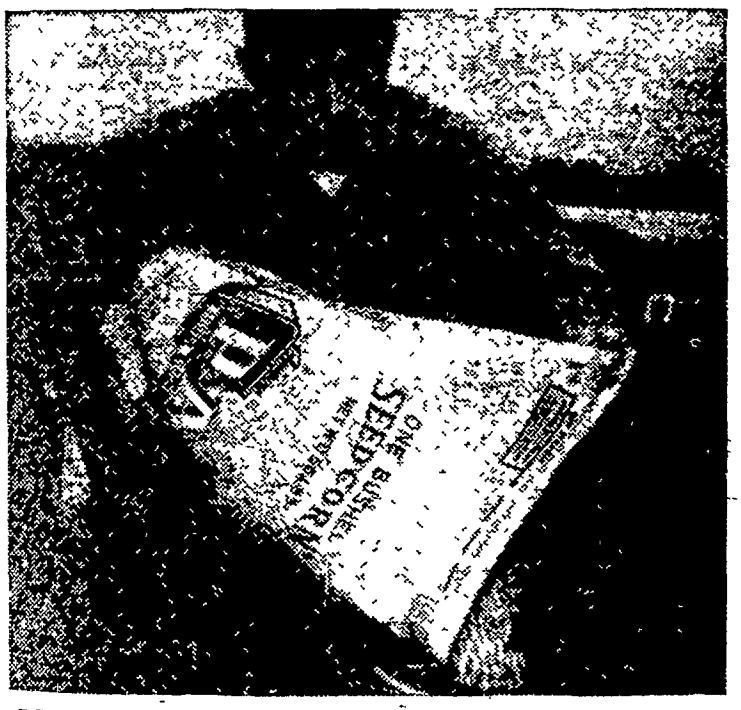

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Electric Co. Plans Meeting Of Shareholders

Annual meeting "In the round" will be an innovation in the 41st shareholders meeting of the Pennsylvania Power and Light Co.

The meeting, scheduled for Monday, April 17, will be held under 15,000 square feet of candy-striped canvas at the Brunner Island site of the company's new power plant.

Shareholders will be transported to the meeting on a special train running from Philadelphia through Harrisburg to the plant along the Susquehanna River south of Harrisburg.

The tent will be heated electrica'ly by power from the new facilities.

Foods are traveling farther to market. In 1959, more fresh fruits and vegetables were shipped into New York City from California and Florida (63,000 carlots) than from New York State (24,000 carlots).

● Maple Springs

(From page 1)

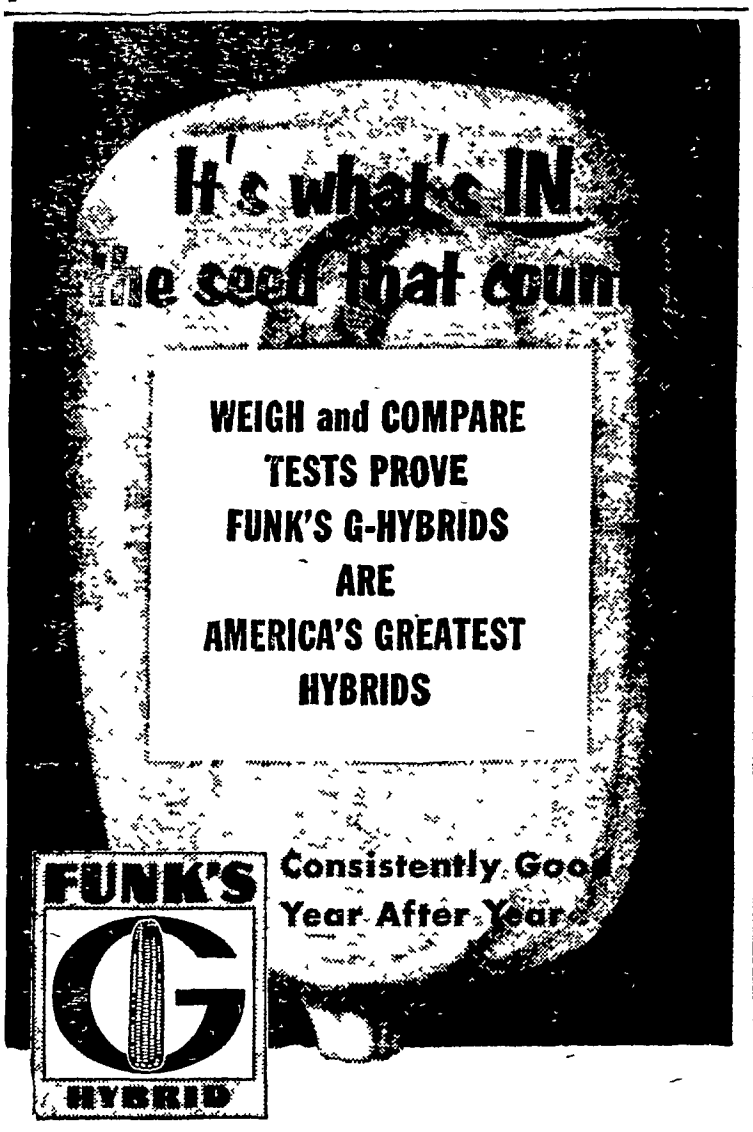
it is necessary to have large acreages of grazing land will wonder how the Purebred Guernseys at Maple Springs can produce their records with only six acres of pasture.

"We keep about 35 head counting heifers, calves and cows." Breckbill said. This number of registered Guernseys is very little different from the herd that has been kept for many years.

The present owner of Maple Springs began farming there about 42 years ago. Many things change, he said as he exhibited the bulk tank in the mi'k house. "I thought I was pretty old to put the bulk tank in," he said, "But a neighbor said 'I am still a young man, but

(Turn to page 8)

GROWTHY CALVES WITH BIG MIDDLES like this daughter of McDonald PreNugget out of Maple Springs Vernice grow into the kind of heifers that can use large amounts of forage and small amounts of expensive grain The Dam of the calf pictured produced one 305 day record of 13 397 pounds of mi k and 615 pounds of fat. The sire is in the stud at the Southeastern Penna. Artificial Breeders' Cooperative. L. F. Photo



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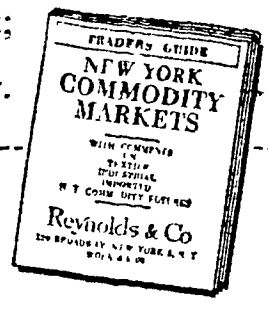

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Breeding Co-ops Approve Grant For Dairy Cattle Research Work

University Park, Pa.—The Pennsylvania State Association of Artificial Breeding Cooperatives, long a liberal supporter of dairy research, today launched on a new program of expanded aid to the state's dairy industry.

At its 1961 meeting, just held at Penn State University, the association voted a new grant of $13,126 for dairy breeding research at the University, and initiated a "Robert H. Olmstead Memorial Fellowship Fund" for use in any phase of dairy scientific inquiry.

The association also reelected officers and reported new high achievements in breeding efficiency and in total volume of work. George L. Carlson, Turtle Point, McKean county, was renamed president. Retained with him were Wilmer M. Hill, Slatington, Lehigh county, vice president; J. Lewis Williams, Uniontown, Fayette county, secretary-treasurer, and two directors, Earl L. Groff, Strasburg, Lancaster county, and George B. Butler, Wellsboro, Tioga county.

The new grant o the University brought to $171,512.80 the total given by the State ABC for dairy breeding studies. A committee of Carlson, the other officers and managers of five member service cooperatives was

(Turn to page 9)

At helm of Pennsylvania Association of Artificial Breeding Cooperatives for 1961 from left, seated, J. Lewis Williams, Uniontown, secretary; George L. Carlson, Turtle Point, president; Wilmer M. Hill, Slatington, vice president; standing, George B. Butler, Wellsboro, and Earl L Groff, Strasburg, directors.

1960

1st Quartile Penna. Random Sample Egg-Laying Contest

1st Quartile Central New York Random Sample Egg Laying Contest

1959

1st Quartile Penna. Random Sample Egg-Laying Contest

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1958

1st Quartile Penna. Random Sample Egg Laying Contest

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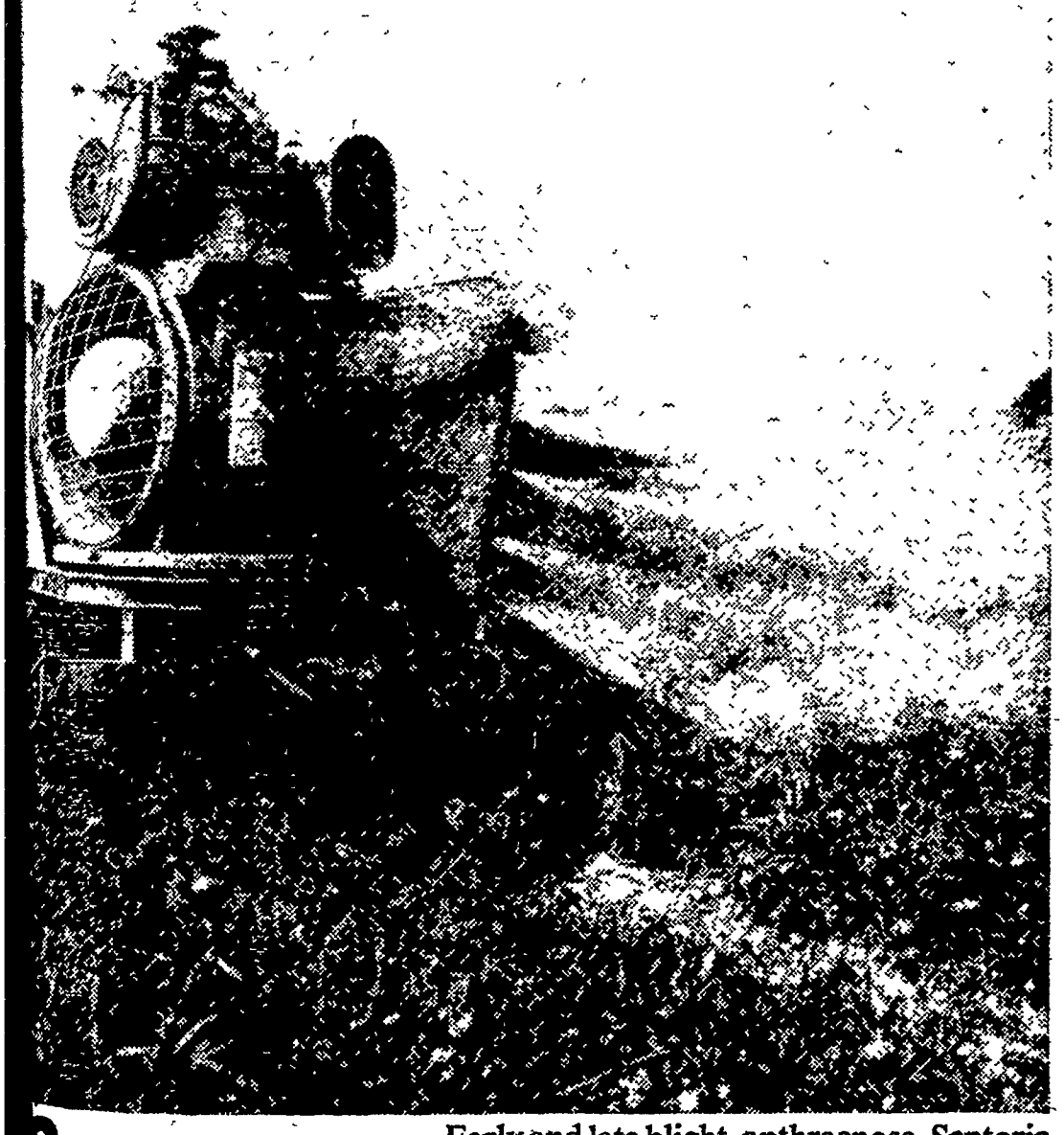

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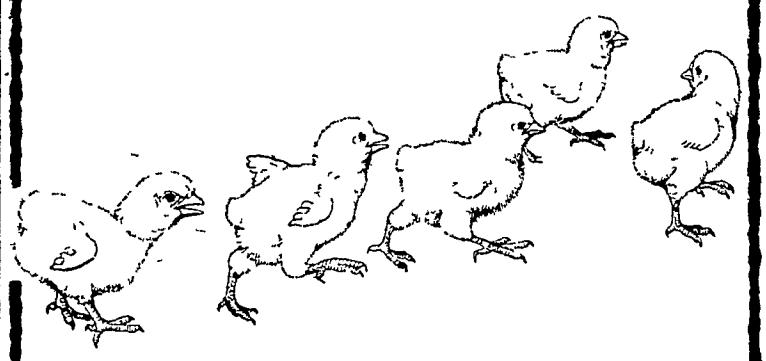

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BROWN & REA, Atglen, Pa.

WEST WILLOW FARMERS ASSOCIATION, West Willow, Pa.

Maple Springs

(From page 6)

who knows which of us will get sick first.' We are glad we have it now."

Most of the cows in the barn look young. As herds go, they are young Of the 18 milking cows in the stalls now, seven are heifers with their first calf This is part of the secret behind the records in the Maple Springs Herd Book.

As he works around his cows, Breckbill shows consideration for their feelings and is careful for their comfort, but if a cow does not produce as she should, he does not keep her for purely sentimental reasons. He is not afraid to cull a heifer if she does not suit his program or to sell an old cow for beef if she has passed her useful age.

During March, Maple Springs Farms was third high in butterfat average in the Red Rose Dairy Herd improvement Association. The herd made 53 pounds of butterfat per cow during the month. "Three of our first-calf heifers made over 1,000 pounds of milk for the month." Breckbill said.

The barn is not modern by the standards many dairymen would use, but there is a contentment among the cows. An occasional sign above the drone of the ex evidence that this herd was healthy and happy.

The Guernseys repaid their owner for his kindness last year by producing over 500 pounds of butterfat each. "It looks like we will reach 500 pounds again this year,

(Turn to page 10)

AS A FIVE YEAR OLD, this cow, Maple Springs Mable has produced 4,672 pounds of milk and 243 of fat in the first 80 days of her lactation. She has three previous records of 462, 617 and 562 pounds of butterfat. Even with seven first-calf heifers among the 11 mature cows, the Breckbill herd averaged 53 pounds of butterfat per cow during March. —L. F. Photo

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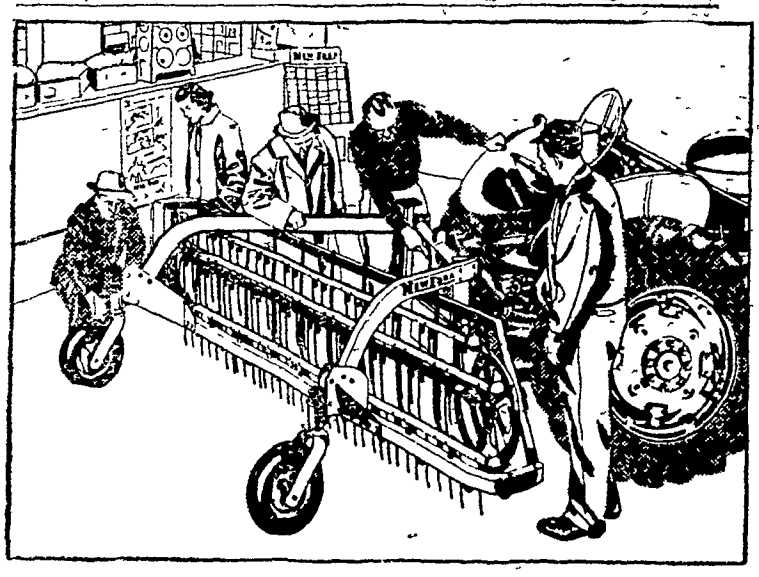


The NEW IDEA rake that's making 3-way news with farmers everywhere

Only mounted parallel bar rake that fits most popular tractors

Makes fluffy, bunch-free windrows

Cuts raking time almost in half

COME IN AND SEE IT TODAY!

CHAS. J. McCOMSEY & SONS
Hickory Hill, Pa.

A. B. C. GROFF, New Holland
LANDIS BROS., Lancaster
WILBUR H. GRAYBILL, Lititz, R. D. 2
J. PAUL NOLT, Gap
H. S. NEWCOMER & SON, Mount Joy
A. L. HERR & BRO., Quarryville
ALLEN H. MATZ, Denver
J. H. REITZ & SON, Inc., Lititz, R. D. 4

K-137 KimberCHIKS...

10c to 34c MORE NET INCOME THAN OTHER MAJOR EGG STRAINS*
(35c more than average entry in 15 tests)

*Based on final reports in 1959-60 Random Sample Tests in Ariz., B.C., Calif., Fla., Ia., Minn., Mo., C.N.Y., W.N.Y., N.C., Pa., Tenn., Tex., Utah, and Wisc.

In the three 1959-60 tests in which the new K-155 Kimberchik was entered, it equalled the well-known K-137 in net income.

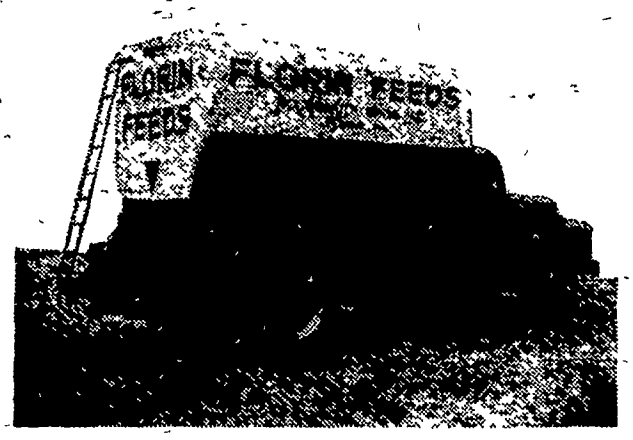
Have us reserve your 1961 Kimber pullets now!

Longenecker's Hatchery

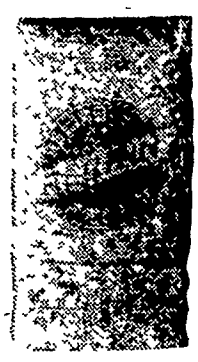
ELIZABETHTOWN, PA. EMpire 7-1545

Quality Feeds at Low Cost. . . .

FLORIN RELIABLE FLORIN FEEDS FEEDS



BAGS



BULK

★ Labor Saving Bulk ★ Easy Handling 50's

From Our Modern Manufacturing Facilities to Our Excellent Service—

We Can Serve Your Individual Needs

Call Mt. Joy OL3-2411 Today!

Wolgemuth Bros., Inc.

FLORIN, PENNA.

Grain Program For County Is Explained

Each cooperating farm under the 1961 feed grain program will have a "permitted acreage" for corn and grain sorghum, according to Lanis G. Becker, Chairman of the Lancaster County Agricultural Stabilization and Conservation Committee.

This "permitted acreage" will be the largest acreage of corn and grain sorghum that may be produced on the farm in 1961 in order for the farm to continue as a cooperating farm.

Under the feed grain program, the producer of corn or grain sorghum agrees to divert acreage formerly planted to these crops to a conservation use, for this diversion, he receives a special payment, and he qualifies for price support on the normal production of his 1961-crop corn and grain sorghum acreage. He also becomes eligible for support on other 1961-crop feed grains— barley, oats, and rye.

Chairman Becker explained that the program calls for diversion of at least 20 percent of the "farm base" to an approved conservation use (The farm base is established by the county Agricultural Stabilization and Conservation committee from the acreage on the farm used for the production of corn and grain sorghum in 1959 and 1960). The farmer may also divert additional acreage under the program up to a farm maximum, which depends upon the size of the farm base.

Payments under the program will also vary according to the size of the farm base and the relative productivity of the farm acreage.

Farmers who wish further information about the 1961 feed grain program are urged to get in touch with the county ASC office. Applications will be accepted after payment rates have been established for each farm, about April 17th.

● DHIA

(From page 7)

designated to work with the University in setting up the proposed fellowship fund.

The fund proposal was referred by the association to the five central cooperatives at Lewisburg, Clarion, Tunkhannock, Lancaster and Allentown for their endorsement and implementation. Funds would be provided by adding one cent to the fee for each of the nearly one-half million cows serviced in this breeding program.

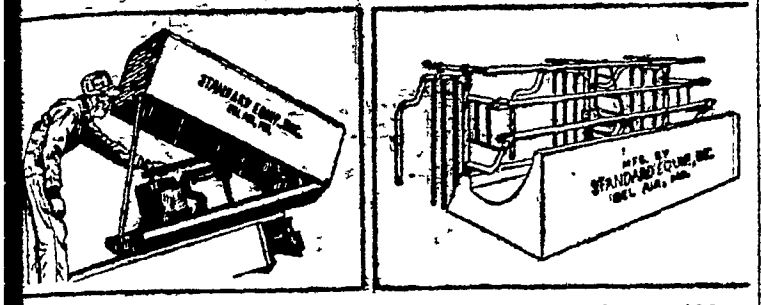
The fellowship fund will honor the memory of Mr. Olmstead who helped to establish dairy artificial breeding in the state. He was quick to sense this program is an economical means for mass herd improvement thru use of superior sires. He supplied educational leadership and the work had almost phenomenal growth throughout Pennsylvania.

FARM FIRE LOSSES HIGH

Farm fire losses in the U. S. reached an estimated $165,000,000 in 1960. This is about 5 per cent less than the estimated loss of $174,000,000 in 1959—highest on record. About 81 per cent of the aggregate loss payments by insurance companies resulted from fire and about 19 per cent from lightning.

BIG SAVINGS!!!!

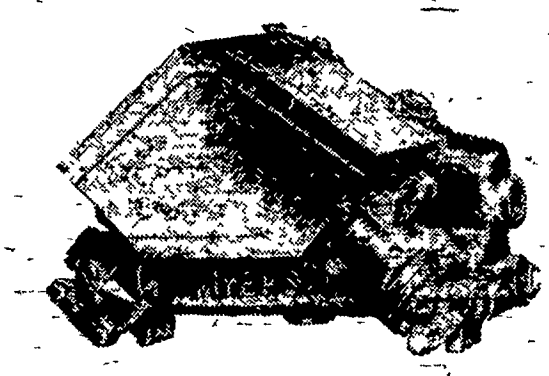
STANDARD EQUIPMENT'S BIG SPRING DISCOUNT
BARN CLEANERS and COMFORT STALLS



MIGHTY-MOVE BARN CLEANER — EASY-ALL COMFORT STALL
Discount Changes: Mar 14, Apr. 15, May 16, May 31st
See Your Standard Dealer Today. Do Not Delay.

COPE & WEAVER CO.
WILLOW STREET — Ph. Lancaster EX 3-2824

TOUGH SPRAYING JOBS MADE EASY with the MYERS DU-ALL PLUNGER TYPE SPRAYER PUMPS



Will Handle ANY Material!

AVAILABLE WITH BOOM OR BOOMLESS

- 6 g.p.m. Capacity
- 12 g.p.m. Capacity
- Pressure up to 300 lbs.
- Pressure up to 500 lbs.

EXCELLENT AS A REPLACEMENT PUMP ON YOUR PRESENT SPRAYER

Complete line of Sprayers to fill any of your requirements, including good used Pumps, P.T.O. Sprayers of various makes and sizes. All rebuilt and guaranteed.

LESTER A. SINGER
Lancaster County's Only Dealer Specializing in Sprayer Sales and Service
RONKS, PA. — Phone Strasburg OV 7-6712

You get a bigger yield of better quality potatoes when soil insects are controlled with aldrin.

POTATOES:

One application of aldrin can protect potatoes against all major soil insects for the growing season

Aldrin offers one shot, low-cost control of pests that reduce yield and make culls out of salable product.

Read how aldrin can help bring you bigger, healthier yields.

SEVERAL major soil insects attack potatoes in various stages of growth. All cause serious damage.

A single application of aldrin made as an over-all treatment before planting controls them all for an entire growing season.

Aldrin protected potatoes consistently average enough extra bushels per acre to pay for the application many times over. What is more important, *they grade better.*

Use aldrin this year to insure better potato yields, and improve tuber quality.

Aldrin is available from your insecticide dealer under well-known brand names. It comes in liquid, wettable powder and granules—and in fertilizer mixes.

Shell Chemical, Agricultural Chemicals Division, 2299 Vauxhall Rd., Union, New Jersey.

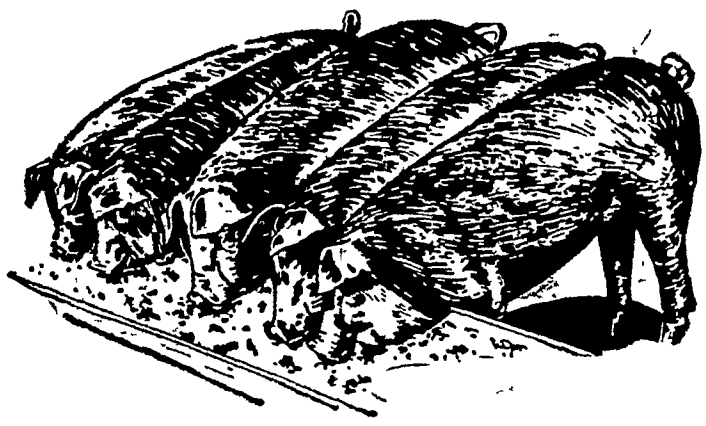
Shell Chemical Company
Agricultural Chemicals Division

Potato Growers: Aldrin is available in liquid, wettable powder, granules or have it mixed in your fertilizer at our Ephrata, Pa. Plant. Save time, labor and money with one easy application.

CONTACT YOUR NEAREST MILLER DEALER OR

MILLER — Miller Chemical & Fertilizer Corporation
P. O. BOX 25, EPHRATA — Phone RE 3-6525

FOR GROWING SHOATS AT LOWER COST



Feed Wayne PIG BALANCER

Syncro-Zymic formulation properly balances farm grains for fast, low-cost growth from 50 to 100 lbs. Arsanilic acid-antibiotic complex improved again for even faster gains on less feed!

Hygromycin for Worm Prevention Optional

Start now to lower costs with Wayne PIG BALANCER

SEE YOUR LOCAL WAYNE DEALER TODAY!

WAYNE FEEDS

H. M. STAUFFER & SON'S, Inc.
Witmer - Ronks - Leola

ROHRER'S MILL
R.D. 1, Ronks

GRUBB SUPPLY CO.
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MOUNTVILLE FEED SERVICE
R. D. 2, Columbia

HERSHEY BROS.
Reinholds

J. K. STAUFFER & SON
Lawn & Bellaire

ROSS C. ULRICH, JR.
R.D. 2, Peach Bottom

SUNSHINE FARM SUPPLY
Lititz & Newmanstown

LIME VALLEY MILLS
R.D. 1, Willow Street

C. E. SAUDER & SONS
R.D. 1, East Earl

MAPLE SPRINGS MAJESTY ANN was one of the three first-calf heifers in the Breckbill herd to produce over 1,000 pounds of milk during March. Ann milked 1,046 lbs. of milk and 46 pounds of fat for the month and her production for her first 52 days of lactation is 1790 pounds of milk and 78 pounds of fat She is the kind of heifer Breckbill hopes to keep in the herd for many years. —L F Photo

● Maple Springs

(From page 8)

haust fan in the stable was if nothing goes wrong." Breckbill said, but added philosophically, "You never know when something will throw them off production, but we are about 10 pounds ahead of last year at this time."

In the comfortable farmhouse, African Violets on the window sills form a cheerful setting for pictures of children and grandchildren. Mrs. Breckbill speaks lovingly of her 19 grandchildren and her flowers, but she knows the cows and their pedigrees and records too.

Maple Springs is a family farm in all the good connotations of the term It is a refreshing change in the picture of bigness and expansion so common in farming today.

Farm Calendar

(From Page 1)

York

7:30 p m. - Hempfield 4-H Club meets at the Farmdale School.

Apr. 20—6 0 p. m. - County Bankers honor Future Farmers of America and 4-H at a banquet at the Hotel Brunswick.

8.00 p m. - Solanco Young Farmers Assn. meets in the Solanco High School, Quarryville. Golden Davis of Interstate Milk Producers Co-op will discuss co-operation between farmer and bulk tank truck driver.

Apr. 21—8.00 p.m. - County 4-H Handyman club roundup at Farm Bureau, Dillerville Road.

8:00 p m. - County 4 tractor club roundup and demonstration contest Farm Bureau, Dillerville Road.

Apr. 23 to 25 — Seventh annual American Angus conference at University of Georgia, Athens.

Lancaster Farming advertising brings results

REIST'S

Sure Crop Seeds

ALFALFAS
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HYBRID CORN DEVELOPED BY PENN STATE EXP. STATION

Get our prices and save money

Alfalfas and Clovers innoculated while you wait.

REIST SEED COMPANY

MOUNT JOY, PA.

Phone OL 3-3821

FOR SALE

a tireless "work horse" for tough garden jobs

YUBA
CHORE MASTER
HEAVY DUTY TILLER

Do a whole week end's work in a few hours! A single pass does the work of plow, disc, harrow . . . prepares ground for planting, furrows for seeding, cultivates at any stage of growth. Operates with single control center and recoil starter. Works ground 11", 22" or 33" wide . . . as deep as 10". Goes between narrow rows.

1 POWER TOOL DOES IT ALL!

- breaks ground
- cultivates
- furrows
- hills
- weeds

See the new 1961 models & attachments Ask for a demonstration and terms.

4 models from
$119.95
with wheels

AUTHORIZED DEALER

L. H. BRUBAKER

350 Strasburg Pike, Lanc.
Lititz, R. D. 3
Ph. Lanc. EX 7-5179
Strasburg OV 7-6002
Lititz MA 6-7766

Clean-Sweep

Public Sale

— of New and Used —

Farm Equipment

Hardware, Garden Tools, Shop-Office Equip.

Thurs. - Fri., April 20-21, 1961

Beginning at 12:00 Noon, and continuing throughout both evenings, HERR'S IMPLEMENT STORE, in WEST WILLOW, PA., 4 miles south of Lancaster, just off Route 72, will offer the following, to wit:

4 Case Tractors

Models 811-B, 511-B, 211-B and VAC (New)

CASE EQUIPMENT

Two E-24 Plows; MT-34 3-Bottom Plow; 2-Bottom E-24 3-Point Hookup Plow; E-26 double disc plow; EDH-24 Mounted Disc Harrow; Two 5-Wheel Type Disc Harrows; 3 Case Sprocket Packers; 3-Section and 4-Section Spring Harrows: No. 621 Sub-soiler (3-Point Hook-up); 16 Disc Case Grain Drill; No. 281 Acute Angle Side Rake; MODEL T-10 7-FT TRAILER MOWER; No. 103 Rotary Cutter; NT PICK-UP BALER, with Wisconsin Engine; NEW HOLLAND "77" PICK-UP BALER, with Utility Carrier; No. 613 Rotary Hoe.

NEW EQUIPMENT

Model 60 Cunningham Hay Conditioner

McCurdy Grain Box; Grove Economy 7x16 Ft. Wagon Flat: Ontario 12x8 Grain Drill; Farquhar One-Row Transplanter, with Fertilizer Attachment; MULKEY 18-FT. BALE ELEVATOR; P-36 McDade Hay Fan.

USED EQUIPMENT

Farmall 'H' Tractor, Allis-Chalmers Tractor

McDeering No. 8 Plow for Hydraulic Lift; Two Case Hammer Mills: CASE F-2 5-FT. COMBINE; Three Spreaders: 60-Ft. Endless 7-inch Belt; 100 Bales of Case Baler Twine TRUCKS — 1957 ¾ TON STUDEBAKER PICK-UP, with 8-Ft. Bed; 1950 5-TON (PAY LOAD) DODGE, with 18-Ft Flat Bed.

Clay Roof Ventilator, with 10-in Fan; 32x38 and 42x48 Clay Barn Windows; Water Bowls; Electric Fencers and equipment; Steel Posts; Leather Neck Bands; Rubber-Tired Wheelbarrows; 18 Can't- Sag Gates; Two Hel ar-Aller 8 Hole Hog Feeders; Other Smaller Feeders; Daisy Hog Waterers; Smith-Gates Automatic Poultry Fountains; Poultry Wire; 16-in. Poultry Fan; Revco 16-Cu. Ft. Home Freezer; Freezer Accessories; New Blackstone Washers and Used Washers.

Motors; Grease Guns; Motor Oil; Transmission Grease; Log Chains; Shovels; Rakes; Forks; Cow Chains; Buckets Tubs; Scoops; Wrenches; Hammers; Hatchets; Saws; Bolts of All Sizes; Bolt Bins Hardware Cloth; Paints and Brushes of All Colors and of All Sizes; Nails and Wood Screws (all sizes); Cup Screws; Wooden and Aluminum Stepladders; Shotgun Shells of Different Gauges.

TWO NEW SAVAGE 22-IN. SELF-PROPELLER MOWERS; ARIENS TILLER AND MOWER; 2 PLANET JR (TUFFY) GARDEN TRACTORS; LANCASTER & SILVER KING CHAIN SAWS; Sprayers; Compressors; Garden Hose, all new items);

SHOP EQUIPMENT—Sioux Valve Re-Seater; Black & Decker Valve Re-Facer; 1-2 In. Drill Press; Awantonia Puller; Parts Cleaner; Manly 40-Ton Hyd. Press; Steam Cleaner; Garage Jack; Rotary Grinder; Bench Grinder; Marquette Electric Arc Welder; Acetylene Welder; Latham Time Recorder; Battery Charger; Torque Wrench; Knife Grinder; Chain Hoist, and Tools too numerous to mention; Office Desk and Chair; 6 Lockers; 6 Display Stands, and many other articles not mentioned. (Farm Machinery and Tractors to be sold the first afternoon.)

A rare opportunity to be able to buy so many quality items at auction prices. Come prepared to buy, as everything is for sale. We are discontinuing the business.

TERMS: CASH!

Herr's Implement Store

WEST WILLOW, PENNA.

Carl Diller and
J. E. Kreider, Aucts.

(Lunch will be served by the West Willow Fire Co.)

The FIRST FEED for Baby Chicks!

A Proven Starter-Grower Program

RED COMB "C" FLAKES

- Gets chicks on feed quickly!
- Prevents "pasting" when fed first few hours!

ALSO

it's a "pepper-upper" for growing birds and layers.

The 1st 7 Weeks
Feed RED COMB CHICK STARTER for strong yellow shanks, rapid feathering and quick growth at low feed cost

RED COMB CHICK STARTER

After 7 Weeks
Change to RED COMB GROWER.

plus

RED COMB SCRATCH or your own grains "Free Choice"

This combination produces sturdy frames and healthy bodies for top egg producers, and quality fryers.

RED COMB GROWER

Get your supply of RED COMB at

Joseph M. Good & Sons

LEOLA — QUARRYVILLE

Rugged New

OLIVER

Hay Conditioner

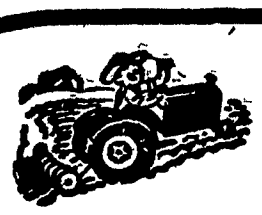
Cuts Curing Time in Half

* New No. 95 gives you a *uniformly* cured crop—conditions instead of crushes.
* Money-saving, time-saving way to higher quality hay—reduces exposure to bleaching sun.
* Simple, low-cost hitching to Oliver semi-mounted mowers for 1-pass operation.
* Low and close-coupled, trails mower around 90-degree turn without interference.
* Ruggedly built for high speeds—tubular frame and hitch—triple V-belt safety drive.
* Large-diameter, 80-inch corrugated rolls take full 7-foot swath of heaviest hay.
* Adjustable, independent compression springs on crimping rolls insure complete conditioning.
* Alignment of crimping rolls with 15-inch carrying wheels prevents scalping of high spots.

N. G. Hershey & Son
Manheim, R. D. 1

Chas J. McComsey & Sons
Hickory Hill, Pa.

Farmersville Equipment Co.
Ephrata, R. D. 2



CLASSIFIED ADS

Farm Equipment

A C "CA", "WD", & "WC" and John Deere "H" tractors Mounted plows for G, CA, WD, Farmall A, J.D. "H" and Ford. Disc and wheel type plows L. H. BRUBAKER 350 Strasburg Pike, Lanc EX 7-5179 Lititz MA 6-7766 Strasburg OV 7-6002

Model B Allis Chalmers tractor, plow and cultivator New Idea single row tobacco planter. Little Genius plow Nissley Farm Service, Washington Boro. AT 5-9117.

1 Wilson 250 gal used bulk tank, 1 Black gas range. One 300 gal. Girton bulk tank Used about 2 years ALL SIZES OF USED MILK COOLERS. CLARK ELECTRIC R1, Kinzers, Pa. Ph Intercourse SO 8-8501

Special on Burch Disc harrows and corn planters. Gehl forage harvesters and hay crushers Used B & WD Allis Chalmers tractors Snavely's Farm Service New Holland EL 4-2214

Plows, disc harrows, and cultipackers. Lime drills, side rakes, mowers, spreaders, and corn planters. Garden tractors and lawn mowers KEENER EQUIPMENT COMPANY Lancaster Ph LO 9-9861

180 Amp. Lincoln Welder, $125 00 Hiestand, Inc., R1, Marietta. Ph. HA 6-9301.

USED FARM MACHINERY Spreaders, plows, mowers, disc & spring harrows, cultipackers, wagons, drills, corn planter, 14T & A C balers. Harold Sample, New Providence ST 6-3087.

Auctions

ANGUS AUCTION; Great Atlantic Angus Spring Sale at Zoorama Arena, 3 miles south New Market, Va on Rt 11, April 19, 10 00 a.m. 400 head Registered Angus including complete dispersion of the Oscar Hammerstein herd; severe reduction of Buckland Hall herd; 19 bulls, including sons of champions, several of them proven sires, many cows with calves at foot, bred cows & heifers, open heifers —all from noted herds of the east; AND 200 carefully selected COMMERCIAL females—cows with calves, bred cows & heifers, open heifers, all vaccinated and tested, ready to go, also 40 steers Dave Canning, Manager, Canning Land & Cattle Co, Box 1236, Staunton, Va. Phone 885-1271

Livestock Wanted

Purebred Angus bull and 25 young registered Angus cows Phone FI 8-5270 or write Box 348, Doylestown, Penna

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DEADLINE: Wednesday morning of each week's publication. Positively no ads accepted after noon Wednesday

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FREE, Subscribers to Lancaster Farming will receive one advertisement each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules: Limit your advertisement to five lines which means not over 25 words: All advertisements must be in our hands by Wednesday noon or same will be held over for next week's paper; No business advertisements accepted.

For Sale: 14-inch John Deere 2 bottom plow, 3 pt hook up. =412. Irvin M Forry. OL 3-5633

For Sale. Service age purebred Yorkshire boars with meat certfication bloodlines Willow Glen Farm, R1, Strasburg ST 6-2562

For Sale. Baled straw at barn or will deliver Call Norman W. Newcomer, TR-2-3483

For Sale. Strawberry plants, certified fresh-dug Sparkle, Catskill, Armore, Premier. Clarence K. Keener, 1190 Gypsy Hill Road, Lancaster Ph EX 7-0890.

For Sale 225 ft, ½ inch Galvanized pipes Wheelbarrow, sprayer and 150 tomato tents Phone New Holland ELgin 4-0207.

For Sale. 6 ft. cutter bar, mounted mower for Massey Harris Pony tractor Elmer H. Kauffman, 1450 Manheim Pike, Lancaster EX 3-6635.

For Sale: Allis Chalmers PTO 5 ft combine - $100.00. PTO sprayer, 20 ft boom 200 gal. wood tank, high pressure pump, agitator - $125. Allen K Risser, R1, Bareville

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Sales & Service: Water Heaters - Washers & Dryers - Ben-Hur Freezers, Bottled Gas, Tappan Ranges. Benj. Shenk, Lampeter, Pa. Ph. EX 7-2486.

Used electric ranges Used General Electric refrigerator good condition. New General Electric AM-FM radios Close out prices. L. H BRUBAKER 350 Strasburg Pike, Lanc EX 7-5179 Lititz MA 6-7766 Strasburg OV 7-6002

Livestock For Sale

Six purebred registered Yorkshire boars from champion bloodlines Reasonable prices. EMpire 7-3914.

For Sale: Wisconsin Dairy cows. I have just gotten acquainted with a good Wisconsin cow dealer. He will sell you good cows If you need one cow or a truck load, call me by phone or see me. I will get you fixed up Wm. Boley, R1, East Earl Phone New Holland, Elgin 4-7218

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327 Acre farm with 127 Acre of real timber together with a 2 Acre lake, a park and adjoining pavilion, two beautiful homes and a full set of farm buildings. 30 Acres wheat 50 Acres Barley. A real show place priced at $110,000 See us for full details RED ROSE REAL ESTATE 2207 Columbia Ave. Lancaster EX 4 0725

Real Estate

TO SELL YOUR FARM NOW—Call Paul the Farm Realtor York 3-3801 Member National Farm Brokers —Write for Free Folder "Buying or Selling a Farm" 255 E. Philadelphia St, York

Miscellaneous

Simple, reasonably priced Oil Refiner goes on manifold, evaporates water and gas. Standard filter gets the dirt. Clears black oil quickly, stays clear, good as new always, plenty proof for years oil doesn't deteriorate if kept pure. Many think it improves with continuation of refining. It's better to keep oil pure than change and soon impure again. No upkeep. Re-refined oil $27 for 54 gallon drum delivered. Government, airforce, railroads, industry, farmers use it in large quantities. Outstanding testimonials on long motor life on both items Stoltzfus Sales, Honey Brook, Penna.

For Sale: Corn, Hay and Straw BU 4-4386

Poultry & Supplies

2000 Ghostly Pearl pullets, 12 weeks old. Fully vaccinated. Weber's Hatchery, R2, Mohnton. Phone Terre Hill HI 5-2073.

Used Kero-gas brooders. Can be used for brooding, milk houses or egg rooms. Hiestand, Inc, R1, Marietta. Ph. HAzel 6-9301.

5000 yearling DeKalbs Laying 11 months. Hiestand, Inc, R1 Marietta HAzel 6-9301.

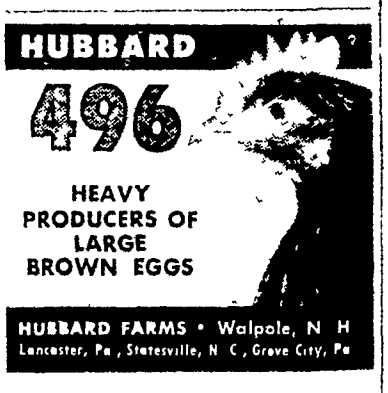
Now is the time to have your dairy barn or chicken house air conditioned by Vent-O-Matic. Control ventillation without drafts. All installation guaranteed. Also other used fans Hiestand Inc., Marietta R1, Ph HA-6-9301.

New and used egg washers. We repair all makes. Hiestand, Inc, R1, Marietta. Ph. HAzel 6-9301.

Ghostly Pearl Pullets MOORE FARMS 780 Eden Road, Lancaster Phone LO 9-0416

KimberCHIKS from Hubbard Farms MAKE MONEY K-137 1961 Model HUBBARD FARMS Walpole, N.H. Lancaster, Pa. Chicks Statesville, N.C. Grove City, Pa.

For Top BrownEggProduction USE J. J. WARREN SEX-SAL-LINKS AMSTUTZ HATCHERIES CALL PAUL METZLER New Holland EL 4-2232



H & N "Nick Chick" or Mark II DAY OLD OR STARTED Pullet Chicks FLORIN FARMS Mt. Joy OL 3-9891

Advertisers will be glad to have you mention Lancaster Farming when answering advertisements.

Auctioneer Instructor Col. R. E. Knotts Gallipolis, Ohio Home Study Course $25 00 Complete with Diploma. Also easy payment plan Member of National A. A.

Brand New warm air furnaces complete with blower for forced air heating $149.50. FOB factory. Send for details. Edwards Furnace Company, Wellsboro, Penna.

WATER Can find a good spot for a well. Can measure the depth, and make a good guess whether it will produce 1, 5, 20 or 40 gal. per minute. Water smelling, after school hours by appointment. David Fisher, R1, Box 87, Christiana, Pa. 1 mile East of Kirkwood.

See us for prices on spring seed - Certified Clinton, Clint Land and Garry Seed oats. Also clover alfalfa, Alsike, Timothy and Seed Corn. Ross H. Rohrer & Sons, Quarryville ST 6-3372

Buyer of Oak, WALNUT, Poplar, ASH, etc. C. J. CHARLES LUMBER New Providence, Pa. Phone ST 6-3108

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Dairy Cattle and Hogs— Every Wednesday at 12:30

Beef Cattle and Calves— Every Thursday at 12:30

Every Thursday we will try and have from 150 to 200 Stockers and feeder cattle for sale. These cattle will be sold immediately after the bulls (About 1:00 P. M.)

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Starting with bulls, steers, heifers, cows, feeder pigs, calves and hogs.

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VINTAGE, PA.

Frank Dussinger, Manager

219TH GARDEN SPOT SALE, THURS., APRIL 20
LANCASTER, PENNA.

Sale held on the J. M. Brubaker Farm located in Village of Willow Street, 4 miles south of Lancaster, Pa. Just off Routes 72 and 222.

75 REGISTERED HOLSTEINS

(Many just fresh & springing cows & heifers - Open Heifers - Service Bulls - Heifer calves) All from Bang's Certified and T B Accredited herds Nearly all Bang's Vaccinated, Nearly all eligible to go anywhere Mastitis tested, examined for pregnancy

New J. Bair, Camp Hill, Pa. Sends 20 Head! Unfortunately, Mr Bair must sell since he is due to go into the hospital for a period of time and must sell Most all of the 20 are of milking age and all sired by SEPA Stud sires several are by "Ivanhoe" All are bred to "Ivanhoe". Better take advantage of this misfortune of Mr. Bair. **H. Edgar Messerschmidt, Myerstown, Pa. sells 9 Head!** All are by SEPA sires and most all are milking animals You will like them. **William C. Kepler, Middletown, Md. sends 10 Heifers!!** 6 are daughters of Logwood Mister Pabst (His 7 nearest dams ave. 834 Fat 29,274 M) and are all out of good dams up to 603-lbs fat. One is a bred heifer and 6 are beautiful last fall calves Also a yrlg son of Lyon Brook Wallie Queen out of a 623 lb dam sells **Harry R. Dick, York, Pa. sends 4 lovely first calf heifers!** All are sired by Hedge Acreston DeOrmsby and out of good record dams. All will either be just fresh or springing close to Osborndale Ivanhoe If fresh, calves will sell **Son of Gray View Skyliner sells.** He is a July '60 calf and out of Achilles Vigiland with 506 fat, 13263 M at 2 yrs in 335 days Consigned by Leon Hess, Gordonville, Pa **Harold Sellers, Lebanon, Pa.** sends a lovely 1st calf dtr of Curtiss Candy Invincible due at sale time and out of dam with records up to 475 fat Also—a yrlg son of Carnation Revelation Marvel out of dam with many records up to 651 fat, 2nd dam 113,951 M. 638 lb Dtr of Cashman Gracious Woodmaster due at sale time to Ridgely Francois—M. E & J H Bennetch, Myerstown Pa. **There will be many many more to chose from—Make sure you're there on April 20!!**

Sale starts 12 00 Noon Lunch Available Catalogs
R AUSTIN BACKUS, INC, Sale Mgrs. and Auctioneers, Mexico, N. Y.
EARL L. GROFF, Local Rep, Strasburg, Pa.

Conservation
(From page 1)

thus do not give adequate attention to whether the road is clear of traffic.

"Some even feel it is the duty of the traffic to look out for them. The ground, corn stalks, and sod clumps that fall off the plows are a hazard to moving traffic. After a rain the roadway becomes slippery from the mud on the pavement."

Plowing too close also hits the pocketbook according to John Detz, County Superintendent of Highways. When farmers plow to the road they may cut off drainage, he said. Many drainage ditches are completely ruined in one plowing and the Department must then send equipment and men to open the road ditch, he added.

"All this is paid for by the taxpayer" said Detz. "Every year it is necessary to send out equipment and men to clean out road ditches which have silted with soil from farm fields. Soil conservation practices such as contour strips and diversion terraces would reduce the frequency with which these ditches must be cleaned."

A Highways Department study in York County has shown that road maintenance costs are 16 times as high in areas where farmers do not use conservation practices as in areas where farmers plow carefully and use soil conserving practices.

Hourly earnings of food marketing workers is up 70 percent, but the labor cost of a pound of food has risen only 34 percent. Increased efficiency has held down costs.

New Strawberry Is Available

Midway, a new high-yielding strawberry, resistant to redstele disease and virus-free, is commercially available from nurserymen for the first time this spring. Midway has produced good yields of high quality strawberries in tests by the Agricultural Experiment Station at the Pennsylvania State University.

The new strawberry variety is a cross of Dixie-land and Temple. It ripens late in the season and produces medium-large, deepred berries with glossy surface, firm flesh and skin, and yellow seeds. It is rated a good dessert-type strawberry and freezes well.

The new variety has yielded nearly 500 24-quart crates of strawberries per acre in tests at Beltsville and Salisbury, Md.

Lancaster Poultry
(From page 2)

Closing date for entires in the Exposition was advanced a week. Entries must be postmarked by Septembr 25th. The old closing date was October 1.

It was announced that the sheep area at the 1961 Exposition is to be enlarged to allow for expanded classes anticipated this year. The sheep show at the Exposition has grown to be the largest in the East and one of the largest in North America.

The Pennsylvania State Farm Show Commission operates the Pennsylvania Farm Show each January in addition to the Pennsylvania Livestock Exposition which is held annually in November. The Farm Show is closed to non-Pennsylvania exhibitors whereas the Pennsylvania Livestock Exposition is open to exhibitors from any state or province of Canada.

Today, one hour of farm labor produces 4 times as much food and other crops as it did in 1919-21.

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Persistant Pest
Face Fly Controls Sought

Near-perfect control of the bothersome and widespread face fly has been achieved—in the laboratory—by adding small amount of some insecticides to dairy cattle feed.

Experiments show that certain organic phosphorus insecticides pass, largely undigested, through cattle and make their manure highly toxic to face fly larvae. These larvae develop only in fresh manure. This research was conducted at USDA's Agricultural Research Center, Beltsville, Md. Similar studies there indicate this method also may aid in controlling the housefly.

Although no insecticides have been approved for this use (questions concerning residue in meat and milk are not completely answered), scientists consider the results timely and significant.

The face fly has become a troublesome cattle pest in the U. S and is continuing to spread. Since being found in New York in 1953, the insect has infected nearly all areas east of the Mississippi River and north of Tennessee and South Carolina. During 1960, face flies were found for the first time in Iowa, Missouri, Connecticut, Maryland, Tennessee, and North Carolina.

At Beltsville, entomoligists D W. Anthony and Otelia Bodenstein, and dairy husmandman N. W. Hooven, fed three insecticides— separately in a grain ration—to Holstein heifers for 5 consecutive days.

Manure collected from the animals was then infested with newly hatched face fly larvae. Few larvae survived after cattle received daily dosages of insecticides.

In the Beltsville experiments, partial control of the housefly resulted when the insecticides were used at low dosage rates. At double these rates, control approached 100 percent.

Minimum effective rates weren't determined for the insecticides tested. It's believed, however, that even smaller amounts might effectively control the face fly.

Relatively few organic phosphorus insecticides have been screened for this type of control. More research is needed to learn which chemicals are most effective, safest to use, and least expensive.

When these chemicals are found, it's possible minute quantities may be mixed into salt licks. Then the face fly could be controlled most efficiently. But community effort would be needed for maximum benefits.

Insecticide might not be the only control. The face fly has existed many years in Europe without becoming a serious livestock pest A possible explanation is that parasites and predators may help control the fly

There has been no evidence of this pest attacking sheep, goats, or swine at Beltsville.

FACE FLIES, SHOWN attacking this dairy heifer, are a new pest in the livestock industry causing serious problems for dairy farmers and cattlemen in about 25 states. Closeup shows a female face fly. The insect caused much discomfort to dairy cattle on pastures in Lancaster County last summer. Most spray programs were ineffective against the pest.

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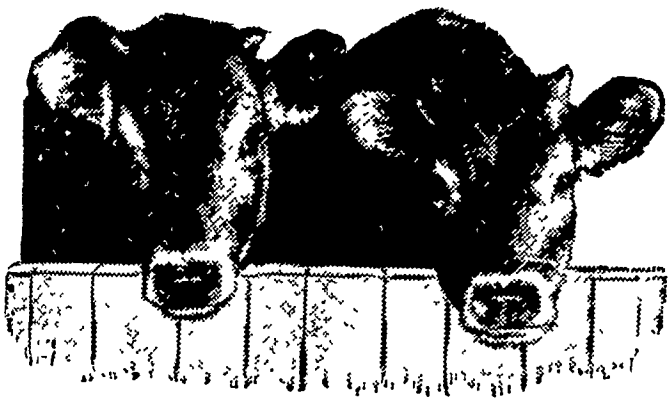

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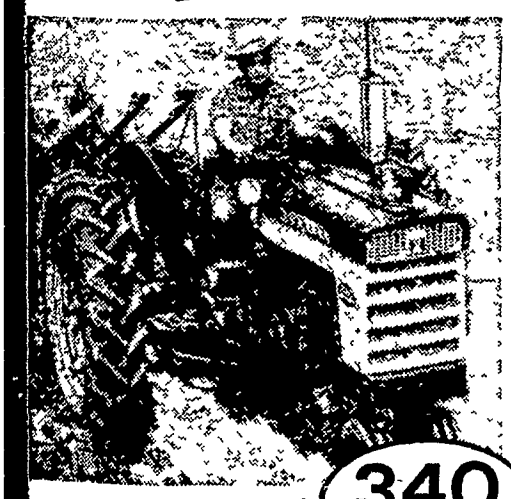

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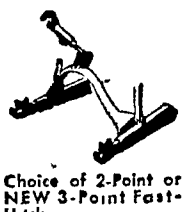

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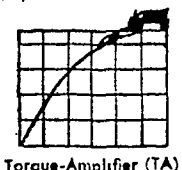

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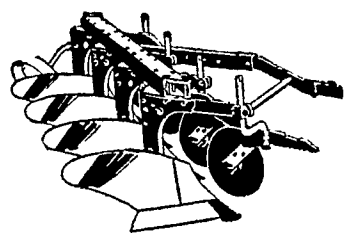

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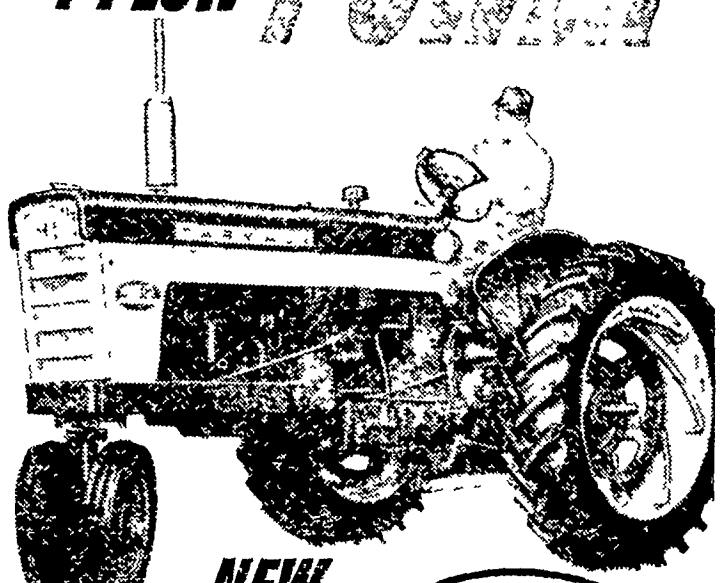

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Johnsongrass Control Program Is Sought

Why does Johnsongrass stubbornly resist control? In areas where this vigorously growing plant is considered a weed, practical control is extremely difficult.

Vigorous growth of Johnsongrass may be an advantage on certain grazing land where it's a valuable forage. But on cropland, Johnsongrass is one of our most troublesome weels.

That's why USDA-State research is aimed at learning more about Johnsongrass. New information, scientists hope, will aid development of more effective ways to combat it. So far, some interesting things have been discovered about the plant's growth.

Findings indicate the importance, too, of early season chemical and mechanical controls. The studies are being conducted by ARS plant psysioligist C G. McWhorter in cooperation with the Mississpp Agricultural Experiment Station, Stoneville.

How prolific Johnsongrass can be was shown by McWhorter in 1959 and 1960. Each Johnsongrass plant studied produced 212 feet of rhizomes (underground stems) and nearly -1½ pounds of seed per season.

In relation to top growth, rhizomes didn't grow fast (about 8 feet per plant) until bloom stage—at about 47 days, however, each plant produced about 85 feet of rhizomes.

Seedlings produce rhizomes from 3 weeks after emergence to maturity. Mature Johnsongrass produce other rhizomes that grow until frost, overwinter, then sprout new plants the following spring.

When comparing plants developing from rhizomes, the researcher found their growth habits almost identical.

Two-weekold plants from seeds were killed by a single clipping (to simulate hoeing). Plants from rhizomes required 2 clippings for control. If clipping was delayed until plants were 3 weeks old (when rhizomes began growing), they survived 2 subsequent weekly clippings.

A rapid change occurs in the plant's metabolism of food at bloom stage. This may help researchers determine why Johnsongrass becomes much more resistant to chemical control at (and after) this stage.

Soon after growth starts, the quantity of glurose — the predominant sugars in Johnsongrass — drops to a low level. Johnsongrass is most susceptible to chemical control at this stage of growth. Glucose, an easily metabolized sugar, increases until blooming. A full bloom glucose content drops sharply.

On the other hand, sucrose —a stored sugar—remains at a low level until bloom stage, then increases as glucose content drops.

Such fundamental knowledge of the growth and metabolism of weeds throughout their life cycles is essential to the development of efficient chemical, cultural, mechanical, and biological methods of control.

Purebred Beef To Be Sold

Staunton, Va —It has just been announced by Dave Canning, Staunton, Virginia that the Annual Great Atlantic Angus Spring Auction will be held this year at Zoorama Arena just south New Market, Virginia Route 11, on Wednesday, 19th of April.

Canning said that there will be a wide variety breeding represented in 400 head of Registered Angus cattle being offered from outstanding herds in East, including the entire herd of the late Oscar Hammerstein, II, Doylestown Pennsylvania, and about half of the excellent Bull land Hill herd at Gainville, Virginia. The sale will get under way at 10 Canning also reports some 200 good commercial Angus females will be sold in uniform groups at the close of the sale of registered cattle.

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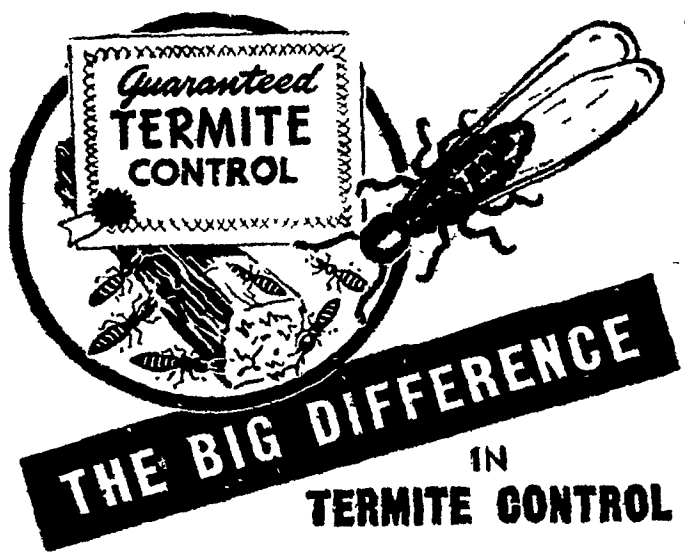

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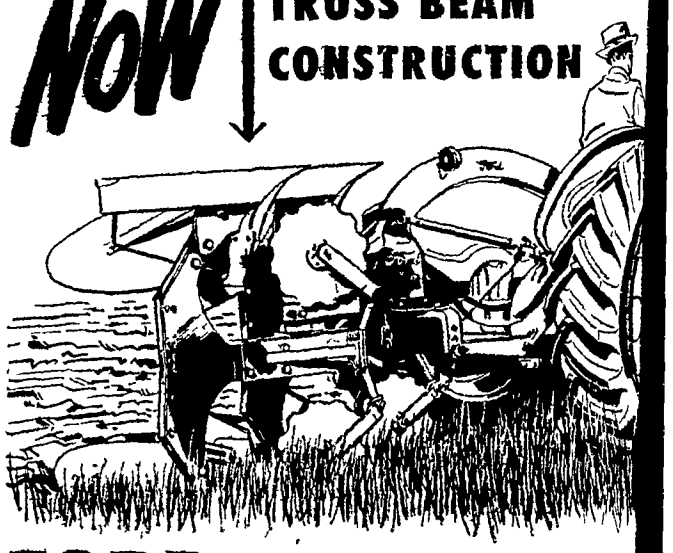

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Poultry Condemnations
Management Is Key To Quality

WASHINGTON — Dr. Morris S. Cover, chairman of the department of animal & poultry science, University of Delaware, reported the results of a survey on poultry condemnations at a research conference on poultry health at Jefferson Auditorium, Washington, D. C. recently.

Cover said the cooperative survey by the Universities of Maryland and Delaware, showed the following management factors to influence the rate of broiler condemnations on the Delmarva Peninsula.

The use of only one stove for a large number of chicks tended to increase the rate of condemnation.

Condemnations were less among broilers raised in narrow houses (4 39 percent) than in wide houses (6 98 percent).

Houses with solid partitions between pens had condemnations averaging 3.32 percent while houses with open partitions averaged 7.87 percent condemnations.

A definite sanitation plan such as litter removal and broiler house disinfection between flocks showed a reduction in condemnation rate. Of the washed and disinfected houses, 86 percent had less than 4 percent condemnation. Of the houses that were not washed and disinfected, only 63 percent had less than 4 percent condemnation.

The average condemnation rate on flocks receiving the recommended vaccination program was 2.39 percent while flocks receiving other vaccination programs varied from 3 56 percent to as high as 9.23 percent condemnation.

Dr. Cover told research scientists that the survey does not produce conclusive evidence, but it does show trends which indicate that good management and disease control practices reduce condemnation rates.

Another survey, now nearly completed, shows the same trends, and the results have encouraged more vigorous sanitation and management programs in the Delmarva broiler industry.

RIBOFLAVIN SOURCE

Riboflavin, one of the important B vitamins, is found in liver, mushrooms, milk, meat, eggs, enriched and whole grain bread and cereals, and deep green leafy vegetables, reminds Louise Hamilton, Penn State extension foods specialist Milk is especially rich in this vitamin.

Valley Run Lucifer Elsie, a registered Holstein cow, owned by Arthur D & Mary K Wenger, Manheim, produced 13,460 lbs milk and 541 lbs. butterfat in 305 days on twice daily milking as a 4-year-old.

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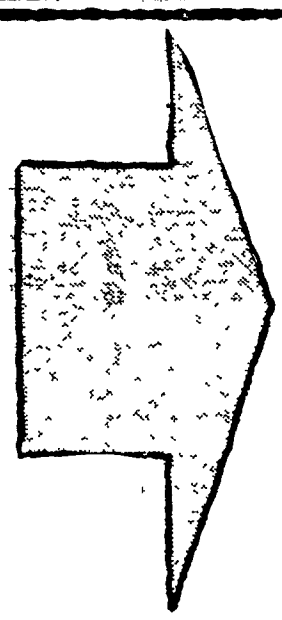

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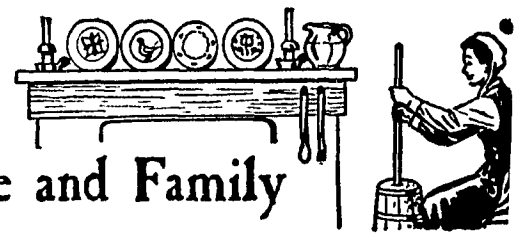

For the Farm Wife and Family

Magic With Breakfast Cereals

By Mrs. Richard C. Spence

The more than three dozen kinds of breakfast cereals include both hot and ready-to-eat varieties. The to-be-cooked cereals include instant, quick-cooking, and regular. Ready-to eat cereals include regular and presweetened.

Breakfast cereal's multi-faceted flavors and forms lend themselves to creative cookery. Recipes that make the most of the special qualities of each individual variety of breakfast cereals include: appetizers, breads, cakes, confections, cookies, entrees, frozen desserts, fruit crisps, muffins, pie crusts, puddings, salads, soups, sundaes, and vegetables.

Breakfast cereals are excellent for ingredient use in recipes because they are inexpensive, convenient, add flavor and texture, and make nutritional contributions of protein, important B vitamins, essential minerals, and food energy. Their streamlined ease of preparation makes them ideal convenience foods and their thrifty average cost of about two cents per ounce is a bargain.

Here are some exciting new ingredient uses and serving ideas for breakfast cereals.

APPLE BROWN BETTY

Cereal Topping:

2 cups crushed oblong shredded wheat biscuits
1 cup brown sugar, packed
⅓ cup butter or margarine melted

Filling:

½ cup granulated sugar
1 teaspoon cinnamon
½ teaspoon salt
¼ cup chopped pecans, optional
4 cups sliced apples (5 to 6 medium)
⅓ cup seedless raisins
1 tablespoon water

Blend topping ingredients together well. Stir granulated sugar cinnamon, and salt together and combine with remaining filling ingredients; mix well. Starting and ending with a layer of cereal topping, alternate 3 layers of topping with 2 of fruit filling in a greased 2-quart casserole, 8¼ x 2¾ inches or baking pan, 11¾x7½x1¾ inches. Bake in a moderate oven 350 degrees until apples are tender, 40 to 45 minutes. Serve hot or cold, plain or with milk, cream, or vanilla ice cream. 6 to 8 servings.

* * *

BLUEBERRY KUCHEN

4 cups corn flakes
1 cup brown sugar, packed
4 teaspoons cinnamon.
1 teaspoon salt
⅓ cup soft butter or margarine
½ cup chopped nuts
1 package white cake mix
1 12-ounce package frozen blueberries, defrosted and drained or
1¼ cups fresh or canned blueberries, drained

Crush corn flakes fine (until 4 cups uncrushed make 1⅓ cups crushed). Combine sugar, cinnamon, salt, and butter or margarine. Mix well with pastry blender. Add crushed corn flakes and nuts; blend thoroughly. Prepare package of white cake mix as directed by manufacturer on package label. Sprinkle 1½ cups of crumb mix evenly over bottom of greased and floured oblong baking pan. 13x9½x2 inches. Spread batter evenly over crumbs. Sprinkle berries and remaining crumbs evenly over cake batter. Use a knife and fold berries and crumb mixture into cake batter, marble-cake fashion. Bake in moderate oven (350 degrees) until done, 35-40 minutes. Serve hot or cold. Yield: 20-24 pieces.

* * *

CHOCOLATE PEPPERMINT PIE

2 tablespoons butter or margarine
1¼ cups marshmallow creme
¾ teaspoon salt
3 cups presweetened corn flakes
1 pint chocolate ice cream
1 pint vanilla ice cream
½ cup chopped peppermint candy

Combine butter or margarine, marshmallow creme, and salt in large fry pan Place over low heat. Stir constantly until mixture is smooth and hot. Add cereal, stir carefully until all cereal flakes are coated. Press mixture gently over sides and bottom of buttered 9-inch pie pan. Chill. Fill with a layer of chocolate ice cream, top with a layer of vanilla ice cream. Smooth top. Place in freezer to become firm Garnish top with chopped peppermint stick candy.

NOTE: this ice cream pie can be served without freezing.

* * *

RAISED CINNAMON PUFFS

1 cup milk, scalded
1 cup whole bran cereal
1 cup fat
¼ cup sugar
1 teaspoon salt
1 package yeast, dry or compressed
1 egg, well beaten
2¾ cups sifted all purpose

(Turn to page 17)

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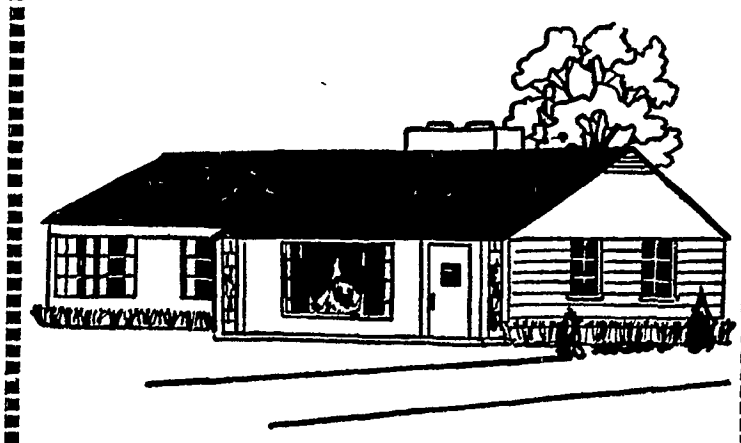

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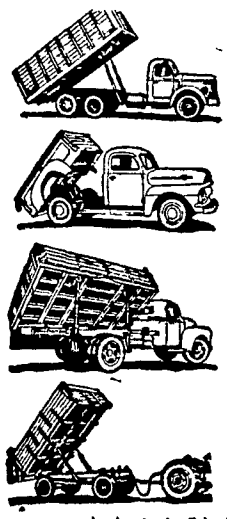

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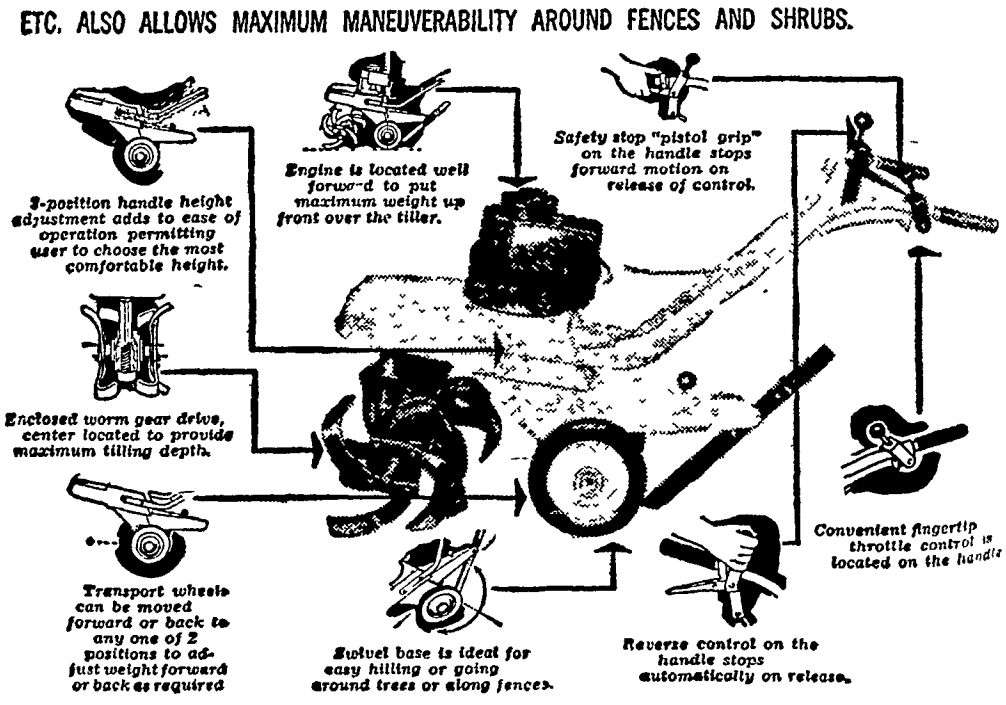
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(From page 16)

flour
½ cup butter or margarine, melted
⅓ cup sugar
2 teaspoons cinnamon

Pour ¾ cup hot milk over whole bran cereal, fat, ¼ cup sugar, and salt; stir until fat is dissolved. Cool remaining ¼ cup milk to lukewarm, add crumbled yeast, and stir until smooth. Add to bran mixture. Add egg and flour, mix thoroughly, and knead until smooth and elastic. (Avoid working in too much flour while kneading.) Form into a ball, place in greased bowl, turn dough once to grease top. Cover and let rise until doubled in bulk. Punch down cover and let rise 10 minutes. Half fill greased 2½x1¼ muffen pans with balls of dough. Cover and let rise until doubled in bulk. Bake in oven (375 degrees) until done, about 20 minutes While still warm, roll first in melted butter or margarine, then in ⅔ cup sugar and cinnamon which have been mixed together. Yield: 18 puffs

* * *

SWEET POTATO BALLS

2 cups mashed sweet potatoes (4 medium)
1½ tablespoons butter or margarine
1 teaspoon salt
⅛ teaspoon nutmeg
6 marshmallows
2 cups bite-size shredded corn biscuits, crushed to 1½ cups

Boil sweet potatoes in jackets until tender. Cool. Mash Add butter or margarine, salt, and nutmeg. Blend well. Shape potato around marshmallows. Roll balls in cereal crumbs. Bake on buttered cookie sheet in a slow oven (325 degrees) about one hour, or until browned. Yield: six servings.

* * *

CREAMED CHICKEN

¼ cup butter or margarine
¼ cup chicken fat
¾ teaspoon salt
½ teaspoon garlic salt
⅓ cup all-purpose flour
3 cups milk or 1½ cups each milk and chicken stock
3 to 4 cups cooked, seasoned large pieces of chicken
1½ cups cooked peas

Melt butter or margarine and chicken fat. Combine seasonings and flour. Add to fat and stir until smooth. Remove from heat. Add milk and stir until mixed. Cook over low heat, stirring constantly, until sauce has thickened. Add chicken and peas, heat thoroughly. Serve in heated casserole. Top with hot buttered bite-size shredded wheat biscuits. 6 servings.

TOPPING

⅓ cup melted butter or margarine
2 cups bite-size shredded wheat biscuits
¾ teaspoon salt

Melt butter or margarine in shallaw baking pan. Add bite-size shredded wheat biscuits. Sprinkle with salt Mix carefully. Heat in moderate oven (375 degrees) for 20 minutes, stirring gently after 10 minutes.

* * *

SNACK MIX

1½ cups ready-to-eat oat cereal
1½ cups bite-size shredded rice biscuits
1½ cups bite-size shredded wheat biscuits.
2 cups slim pretzel sticks
1 cup salted peanuts, skinless
⅓ cup butter or margarine
4 teaspoons Worcestershire sauce
½ to 1 teaspoon garlic salt
1 teaspoon onion salt
1 teaspoon celery salt

Mix cereals, pretzel sticks broken into small pieces, and salted peanuts in a large oblong baking pan or roasting pan. Heat butter or margarine until melted; stir in Worchestershire sauce and seasonings. Pour over the cereal mixture and mix well. Bake in a slow oven (300 degrees) stirring every 10 minutes or so, for about 30 minutes, or until lightly browned Cool before serving. Store in airtight container Yield: 2 quarts of mix.

* * *

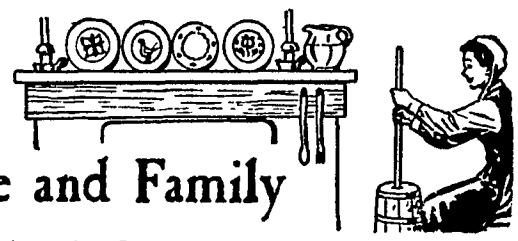
CRISPY TREATS

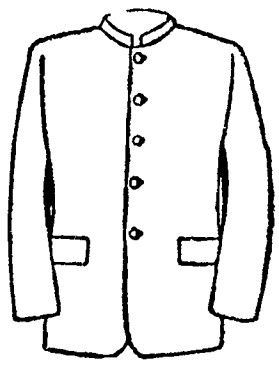
¼ cup butter or margarine
5 cups cocoa-flavor oven-toasted rice cereal
½ pound (about 32) regular or 3 cups miniature marshmallows.

Melt butter or margarine in 3-quart saucepan Add marshmallows and cook over

(Turn to page 18)

For the Farm Wife and Family





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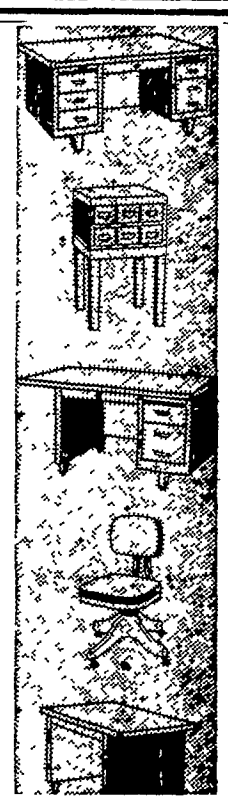

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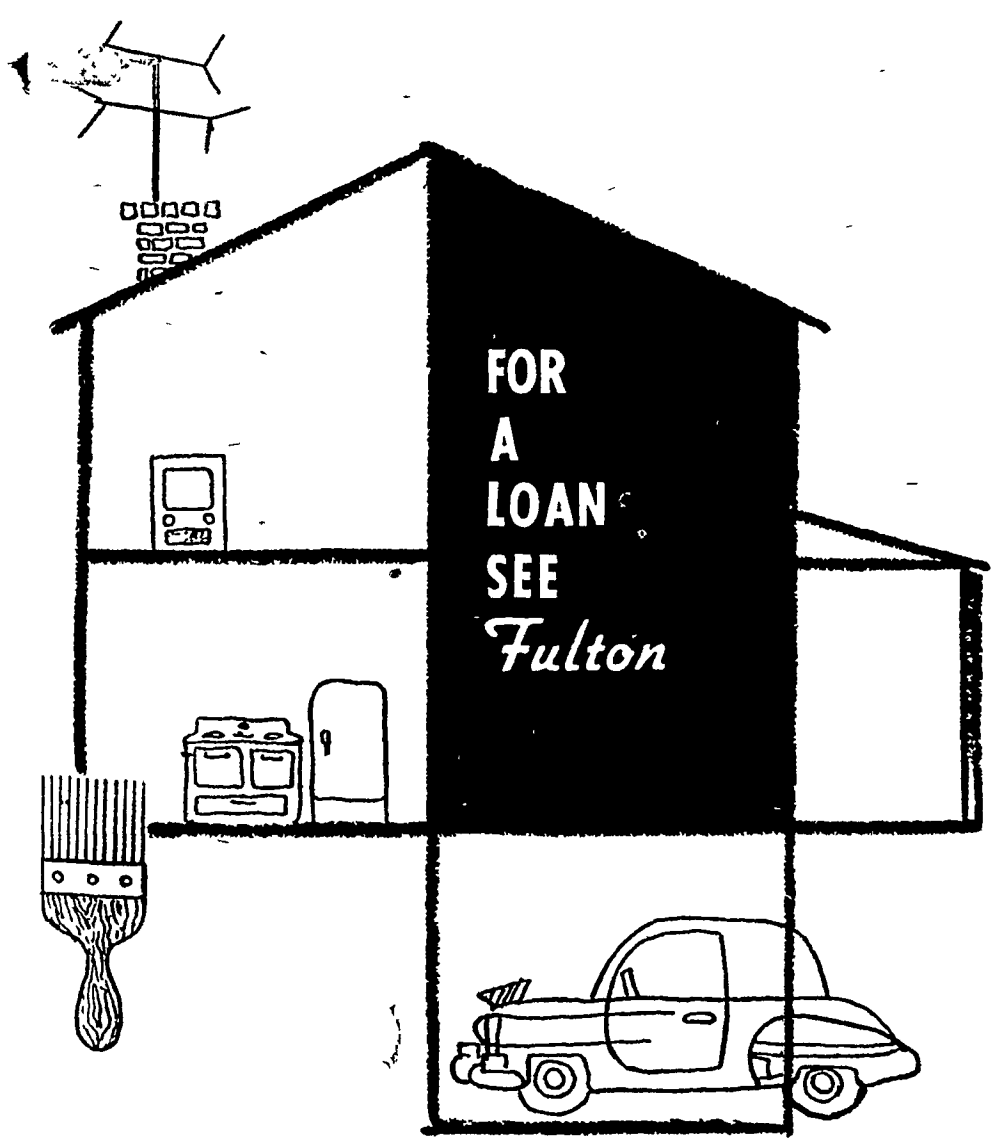

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● Breakfast Cereals

(From page 17)

low heat, stirring—constantly until marshmallows are melted and mixture is well blended. Remove from heat. Add cereal and stir until well-coated with marshmallow mixture. Press warm mixture lightly into butered 13x 9-inch pan. Cut into squares when cool.

NOTE: 2 cups marshmallow creme may be substituted for mahshmallows. Cook with butter over low heat about 5 minutes, stirring constantly.

* * *

CHOCALATE DROPS

1 6-oz. package (1 cup) semi-sweet chocolate pieces.
½ cup chopped pecans or walnuts
1½ cups presweetened puffed rice cereal
⅛ teaspoon salt

Melt chocolate pieces in double boiler. Add nuts, cereal, and salt; mix lightly, using rubber scraper Drop by teaspoonfuls onto waxed paper Let harden in cool place but do not put in refrigerator

* * *

CRANBEERY SAUSAGE CORN CAKE

1 package corn muffin mix
12 pork sausage links
1 pound can whole cranberry sauce

Bake corn muffin mix in 8x8x2" pan until golden brown according to directions on package. Fry sausages over low heat until it is brown and done. Heat cranberry sauce Cut corn bread into rectangles 2x4" and arrange on serving plates Place 2 or 3 link sausages over serving. Ladle hot cranberry sauce over top and serve immediately. Makes 6 servings.

* * *

Use left-over ham in this recipe—

CRANBERRY HAM LOAF

1 cup jellied cranberry sauce
⅛ teaspoon allspice
Dash cloves
3 cups ground cooked ham
1 cup dry bread crumbs
¼ teaspoon salt
2 tablespoons minced onion
¼ cup minced green pepper
2 tablespoons prepared mustard
2 eggs, slightly beaten
¾ cup milk

Crush cranberry sauce with a fork Combine cranberry sauce, allspice, and cloves Pour into bottom of greased mold Combine ham, bread crumbs, salt, onion, and green pepper Mix mustard with eggs and add to ham mixture Stir in the milk. Pack in mold on top of spiced cranberry sauce. Bake in 375 degree oven for 45 minutes Makes 6 to 8 servings.

CRANBERRY STAR TAFFIES

2 tablespoons butter or margarine
6 tablespoons brown sugar
4 rings pineapple
4 cranberry sauce star cutouts

Crumble brown sugar and butter together Arrange the cranberry star cutout on top of each slice of pineapple. Carefully sprinkle sugar-butter mixture over top Place in shallow pan Bake in moderate oven 350 degrees for 30 minutes or place on broiler pan and broil with tops of cranberry pineapple taffies about 3 inches from broiler flame. Taffies will take about 10 minutes to broil

In the frying pan — melt the butter and add the brown sugar. Stir well and add the pineapple rings. When pineapple rings are hot and a golden brown, place star cutouts in the syrupy mixture before placing on top of the pineapple rings. Remove the cranberry pineapple taffies and spoon remaining syrup over top to serve.

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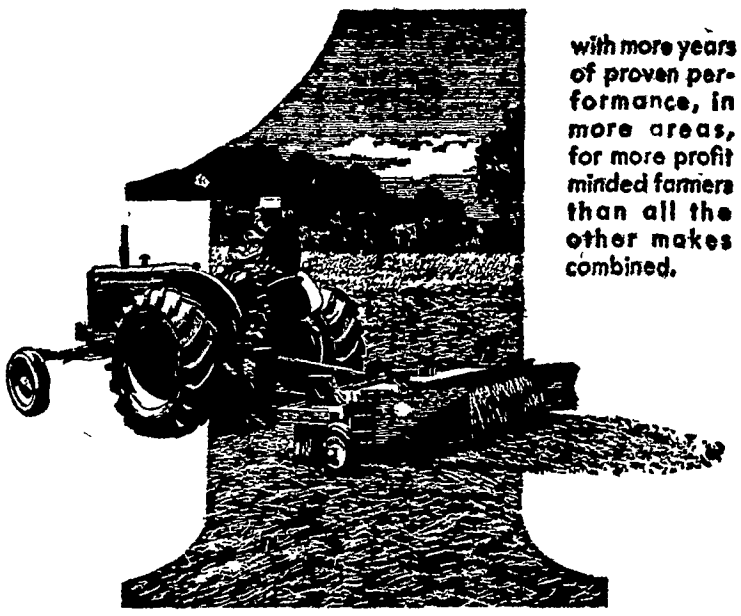

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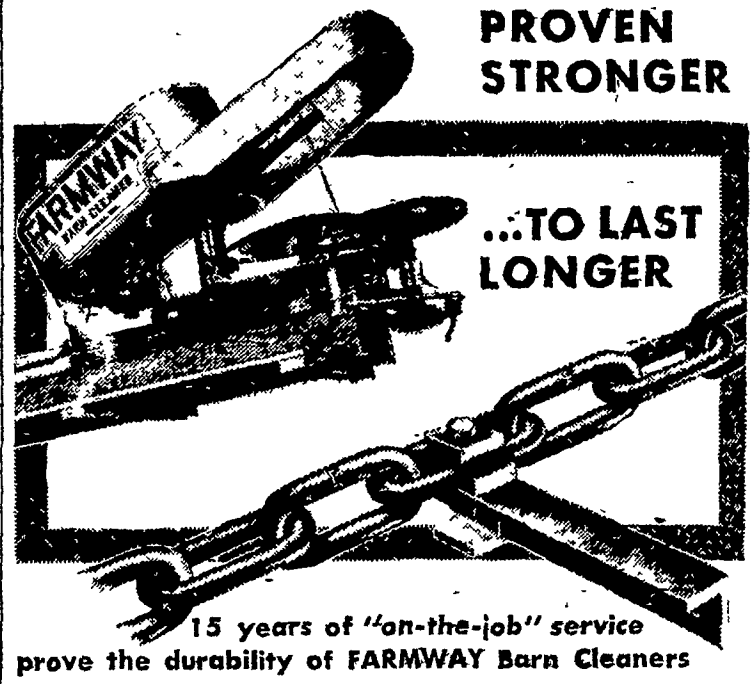

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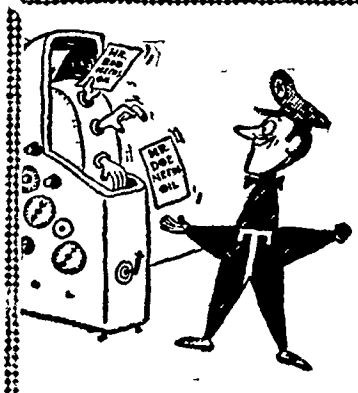

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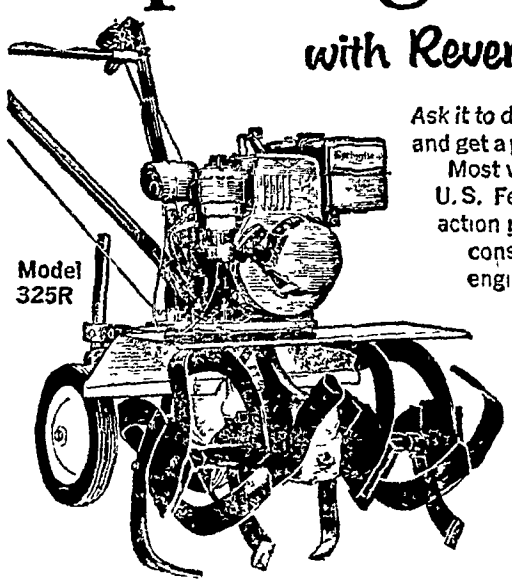

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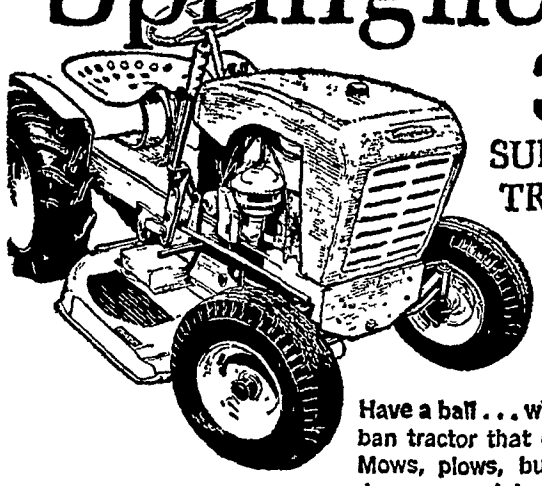

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Soil Conservation Dist. Has 1,593 Active Plans

The Lancaster County Soil Conservation District has a total of 1,593 active cooperators, it was announced at the regular monthly meeting of the district Monday night

Since the district began in the mid 1930's, a total of 1,972 agreements have been signed with land owners in the county. Of the agreements signed but not active, many represent farms that have changed hands and were listed again in the name of the new owner.

Each of the 41 townships in the county has one or more farms under a soil conservation plan, Lancaster Township with only one cooperator stands at the bottom of the list while Manor leads the pack with 130 cooperating farmers.

The job of conservation is not complete in the county, according to a spokesman of the district. He pointed out that West Earl township has only two cooperating farmers; Upper Leacock has only three; Leacock has only four East Lampeter has six, and Caernarvon has eight farms with conservation plans.

Other townships and the number of cooperating farmers are as follows: Bart, 30; Brecknock, 20; Clay, 21; Coleram, 63; Conestoga, 50; Conoy, 14; Drumore, 64; East Earl, 46; Earl, 33; East Cocalico, 29; East Donegal, 50; East Drumore, 84, East Hempfield, 17; Eden 38; Elizabeth, 15; Ephrata, 14; Fulton, 63; Little Britain, 84, Manheim, 11; Martic, 52; Mount Joy, 32; Paradise, 41 Penn, 26; Pequea, 73; Providence, 70; Rapho, 70; Sadsbury, 41; Sailsbury, 43; Strasburg, 80; Warwick, 37; West Cocalico, 26; West Donegal, 18; West Hempfield, 30 West Lampeter, 54.

District directors approved applications for free conservation plans for three other farms. New cooperators are Charles F. Weaver, 29 acres at Millersville R1 in Manor Twp.; A. Robert Stottlemyer, 76 acres at Quarryville R3 in Bart Twp., and Allen B Dourte, 97 acres at Manheim R2 in Rapho Twp.

In other business the directors announced the date and place of the annual Future Farmers Land Use and Management Contest (Soil Judging) which is held cooperatively with the York County District.

This year's contest will be held on the afternoon of April 19 on the farm of Howard Perry, Route 111 south of York. The York office of the Soil Conservation Service will conduct the contest with the cooperation of the York County Soil Conservation District

The directors announced they will cooperate with the national soil conservation agency in the observance of Soil Stewardship week May 7 to 14 Members of the district directors will present a television program on the local station on May 5, in conjunction with soil stewardship week.

County Boys Buy Heifers At State Sale

University Park, Pa., — Twenty-three boys and girls, all prospective dairy farmers, paid $5,130 for 29 heifers at the fourth annual Guernsey junior calf sale at the Pennsylvania State University. Prices ranged from $50 to $430 The buyers — all of them 4-H Club members or Future Farmers of America youths from fourteen counties and Maryland — will grow out their calves as educational projects in dairying and parley them into future herds of their own.

Two prospective dairymen from Lancaster County brought heifers back to the Garden Spot They are Dale Bushong, Columba R2, and Harry S. Mumma, Manheim R1. The boys, both members of the county 4-H dairy club will grow the animals as part of their project work

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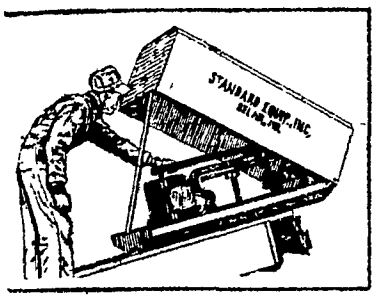

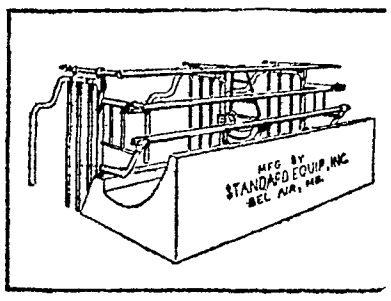

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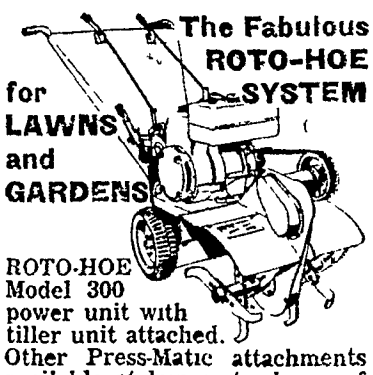

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Expert Tells How To Control Milk Flavors

Eliminate off-flavored milk by management, feeding and ventilation, says Ivan E. Parkin, professor of dairy science at the Pennsylvania State University.

Spring is the time of year when dairymen tend to think of flavors in milk as those primarily caused by garlic in the pasture, but many other sources of off-flavors produce objectionable properties in milk.

Parkin, in a publication from Penn State says there are four ways to eliminate undesirable flavors in milk. In essence the four rules are, milk only healthy cows, properly ventilate the barn, feed after milking, and practice managed milking.

Flavors caused by silages, pasturing or green feeding of grasses, legumes or grains can be eliminated by feeding after milking, proper barn ventilation and storing of such feeds away from cows. Such crops as cabbage, kale, rutabaga, turnips, beets and onions as well as moldy or musty hay can likewise cause off flavor and should be kept from the feed of dairy cows.

Of course one of the major causes of off-flavors when cows are on pasture in weeds such as garlic, mustard, ragweed, buckhorn, tansy, cabbage, skunk, bitterweed, fennel and others. Such weeds should be eliminated from pastures, especially along fence rows.

Cowy odors and flavors sometimes develop when the cows have ketosis or when the barn air becomes foul. If there is evidence of ketosis, all milk from the infected cow should be eliminated from the market supply. Barn ventilation systems are helpful in controlling foul odors in the dairy stable.

If a salty flavor develops, it can usually be traced to a cow being milked late in her lactation or with an infected udder, all such milk should be eliminated from the market supply.

Unclean or sour, stale or putrid flavors develop as the result of bacterial contamination and can be eliminated by practicing strict sanitation programs in and around the milking and milk storing quarters. Proper cooling and storing of milk will also help control bacterial growth.

Bitter flavors in milk can be caused by a number of factors. Certain weeds or certain feeds, foreign matter in the feeds and certain kinds of bacterial action can cause bitterness. To eliminate bitter flavors keep foreign matter and weeds out of the diet of dairy cows, cool milk properly and practice sanitation. Cows should not be milked too late in the lactation.

Some cows tend to give flat and watery milk with low lactose and solid content and a high chloride content, such cows should be eliminated from the herd.

Agitation of the milk will sometime cause a rancid flavor to develop Milking of strippers will sometimes produce a rancid flavor in milk also.

Unfortunately some dairymen are not careful enough in the handling of chemicals around the milk supply. Such farm chemicals as insecticide, sanitizing agents, weed sprays, medicines, disinfectants, and other odorous materials have no place in the milk supply If it becomes necessary to use such materials around the dairy barn, extreme caution should be taken to see that none of the material gets into the milk supply If it becomes necessary to use such materials around the dairy barn, extreme caution should be taken to see that none of the material gets into the milk, and such chemicals should never be stored in the dairy barn or milk house. The dairy barn should be well ventilated after the use of such odorous materials.

A poster, showing flavors, causes and solutions, is available from the office of the county agent.

NEW COASTER FOR RUGS

A plastic disc with many blunt-ended needles will help to prevent dents in rugs from furniture feet, reminds Dorothy O'Donnell, Penn State extension home furnishings specialist. The needles sink into the rug pile, and the weight of the furniture is distributed on the needle points. This holds the furniture feet off the rug itself to prevent crushing.

Baby Beef Club Hears Tom King On Management

By: Virginia Wivell,

The Lancaster Co. Baby Beef and Lamb club met recently at the John Neff School in Neffsville.

Members answered roll call by giving a report on their baby beef or lamb.

For the program Joyce Nolt recited a monologue and Julianne Erb sang two solos.

Tom King, extension livestock specialist from Penn State and well known in this area, was speaker of the evening. His talk was on baby beef care and management. He stated the three important factors in tending a beef are feeding, breeding and management.

Since we, the 4-H members do not have anything to do with the breeding, we can't do anything about how good the breeding of our steer is to be. However, our county agent and club leaders select the calves for us and we draw lots hoping for an outstanding calf.

King said feeding should be done at a regular time each day and care should be taken to see that the steer gets the right kind of feed. He concluded by saying to have a champion you need a steer with good breeding and then feed it carefully and have a desire to work with your steer.

The next meting of the club is scheduled for May 3, at 8 p.m.

Family insurance needs change from time to time That's why it's important to check the kinds and amounts of insurance to meet these changing needs, points out Sanna Black, Penn State extension home management specialist.

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